

FIG. 1 PRIOR ART

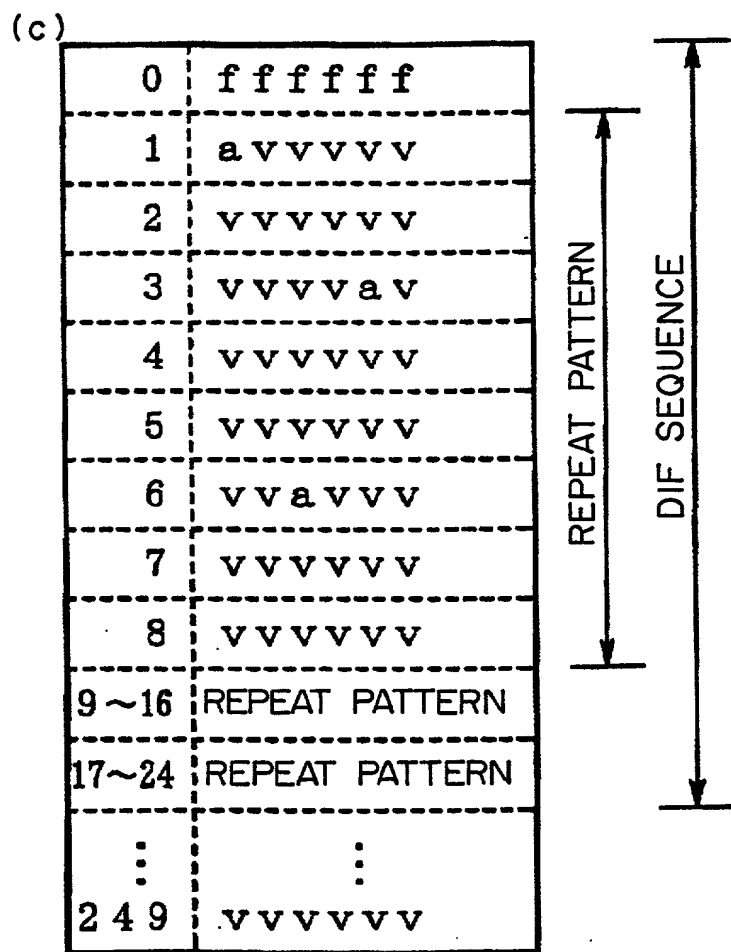
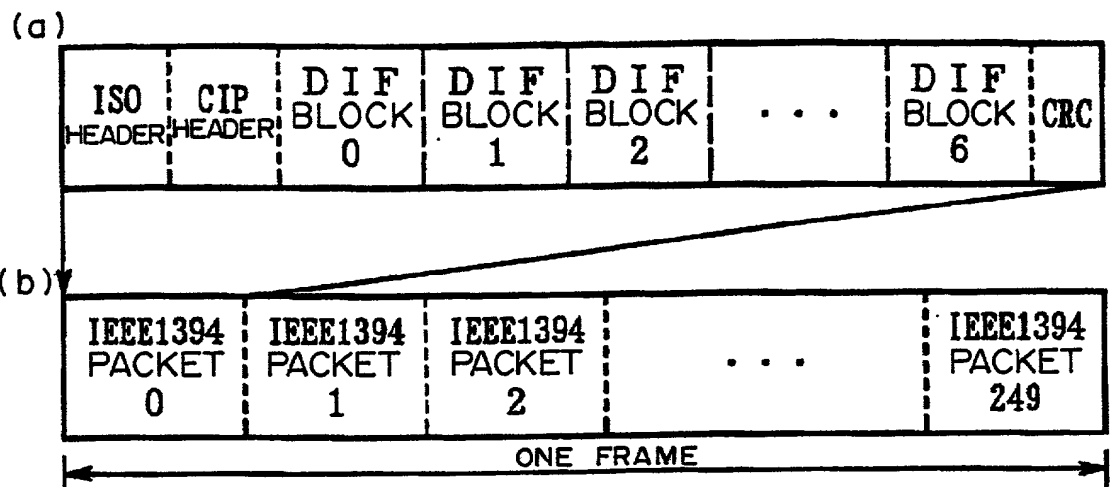


FIG. 2 PRIOR ART

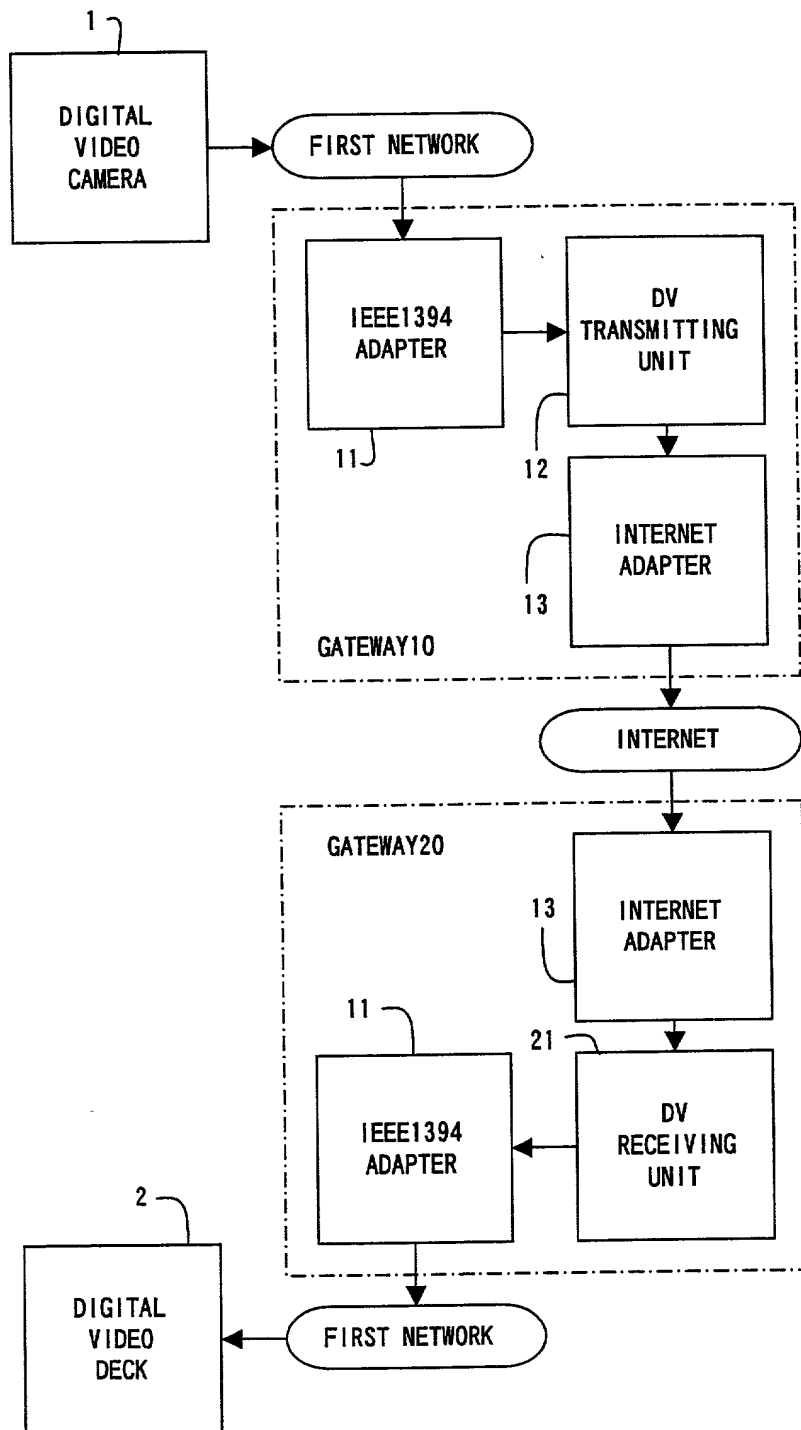


FIG. 3

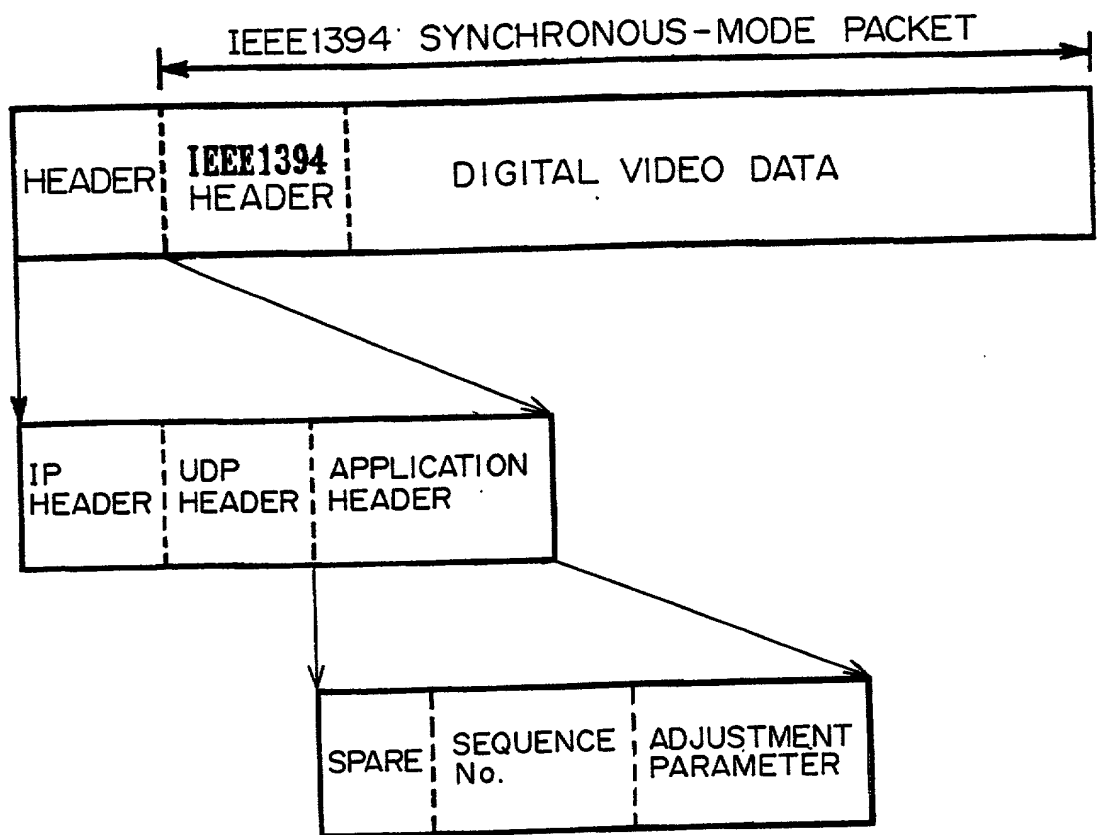


FIG. 4 PRIOR ART

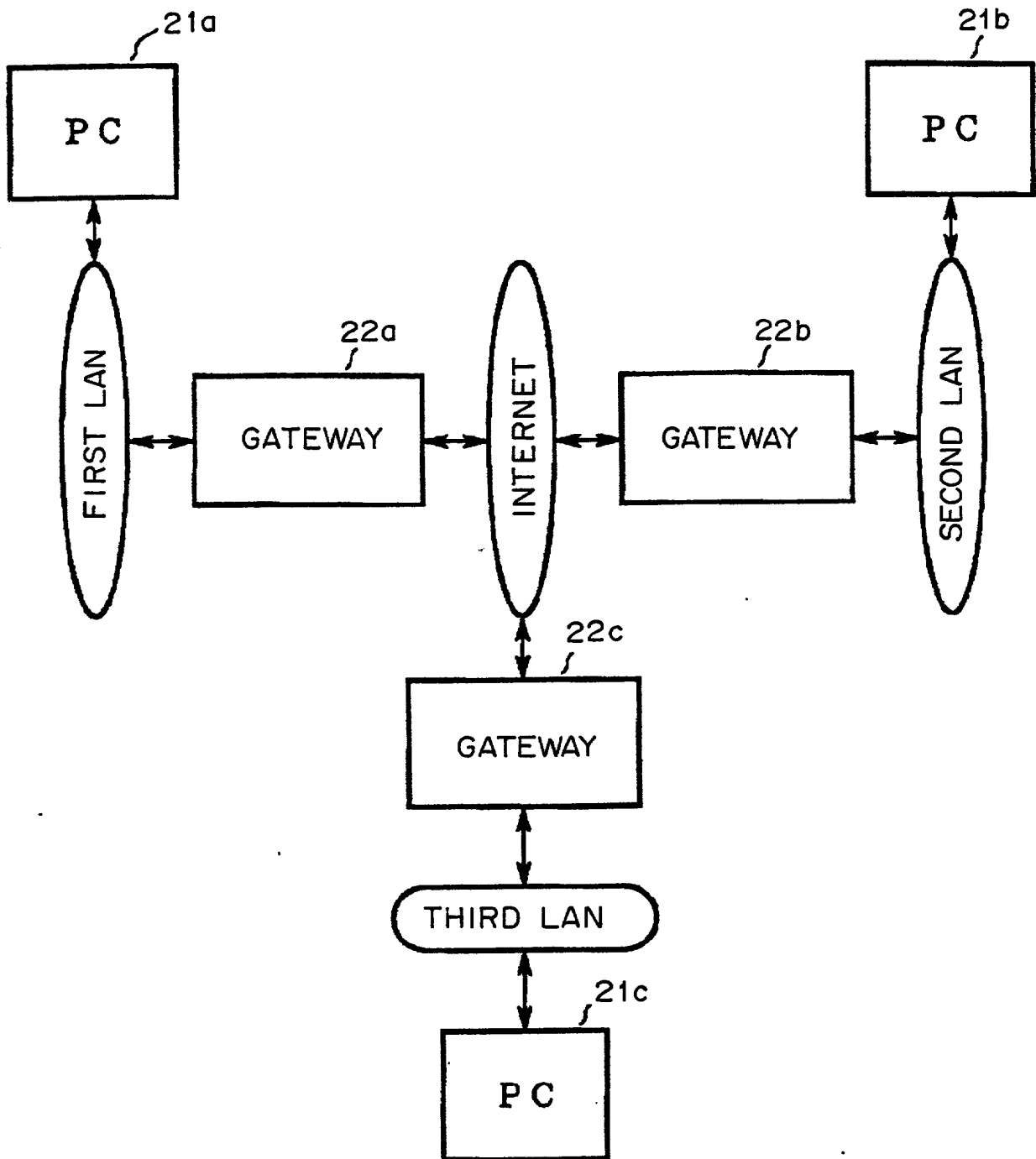


FIG. 5

PRIOR ART

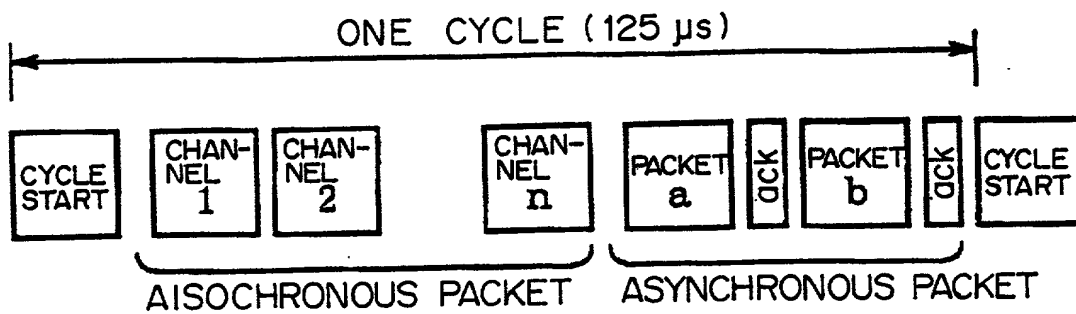


FIG. 6A PRIOR ART

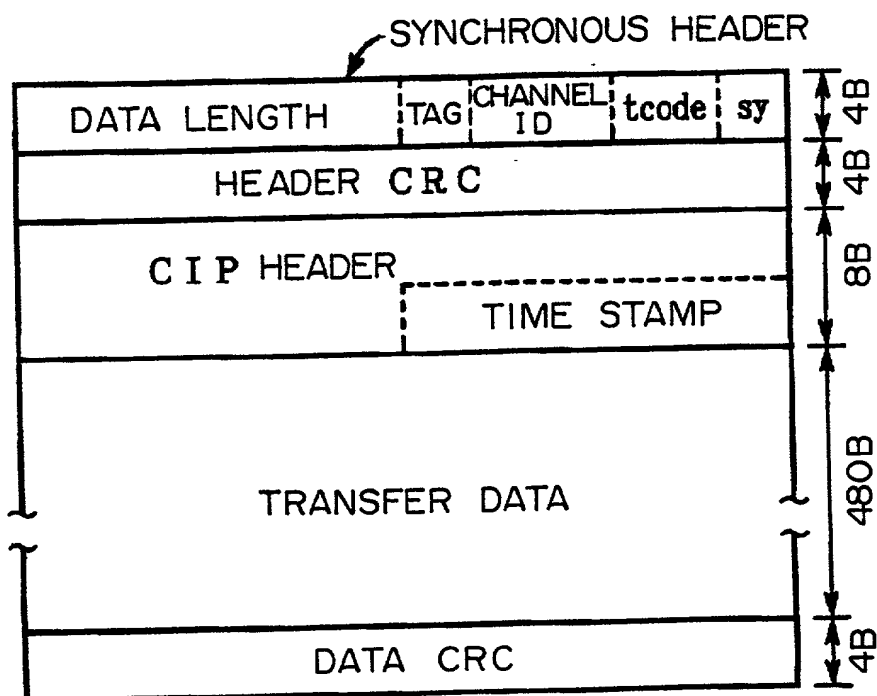


FIG. 6B PRIOR ART

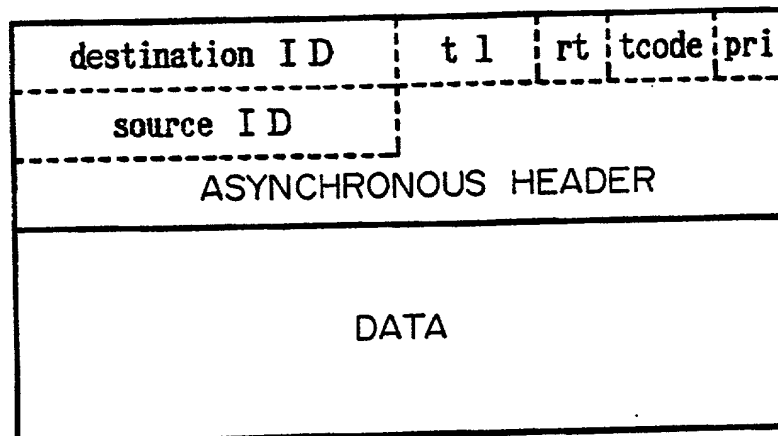


FIG. 6C PRIOR ART

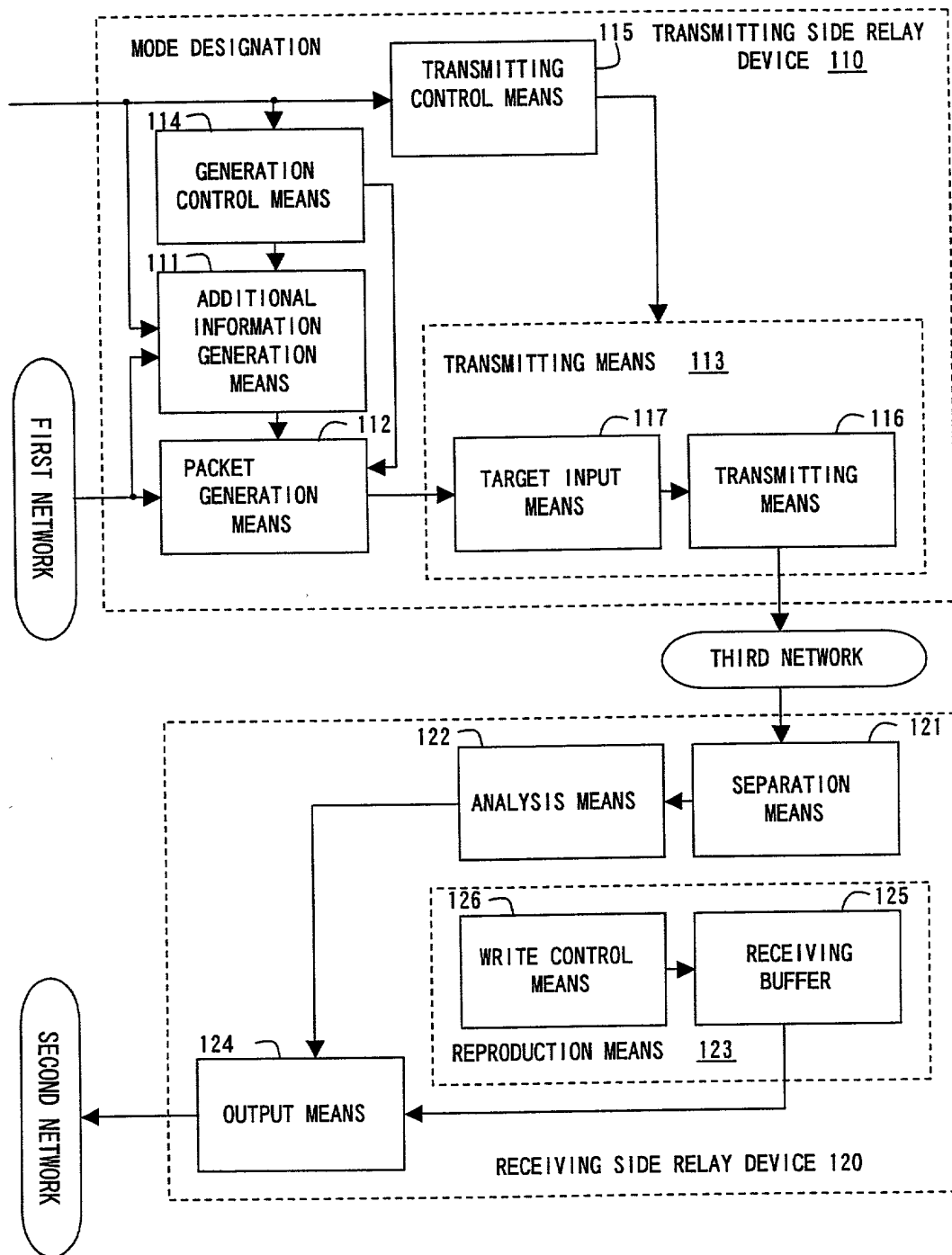


FIG. 7

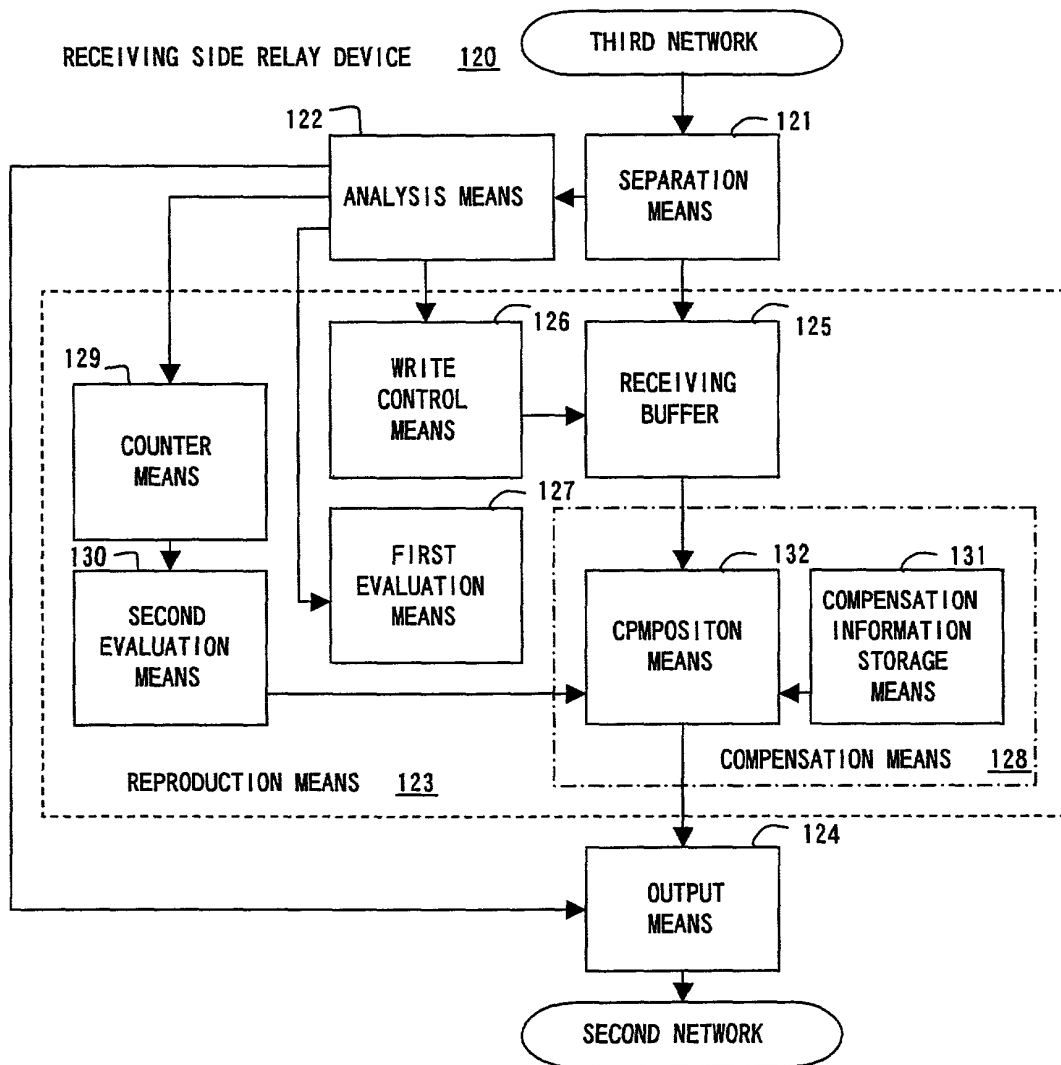


FIG. 8

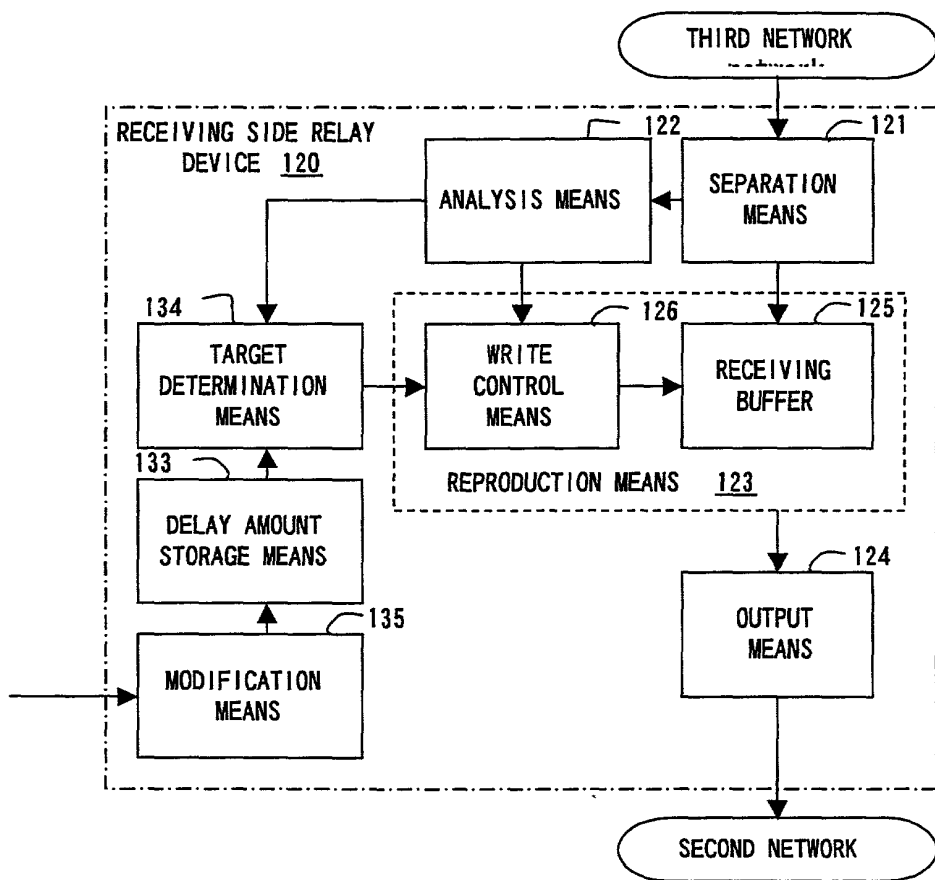


FIG. 9

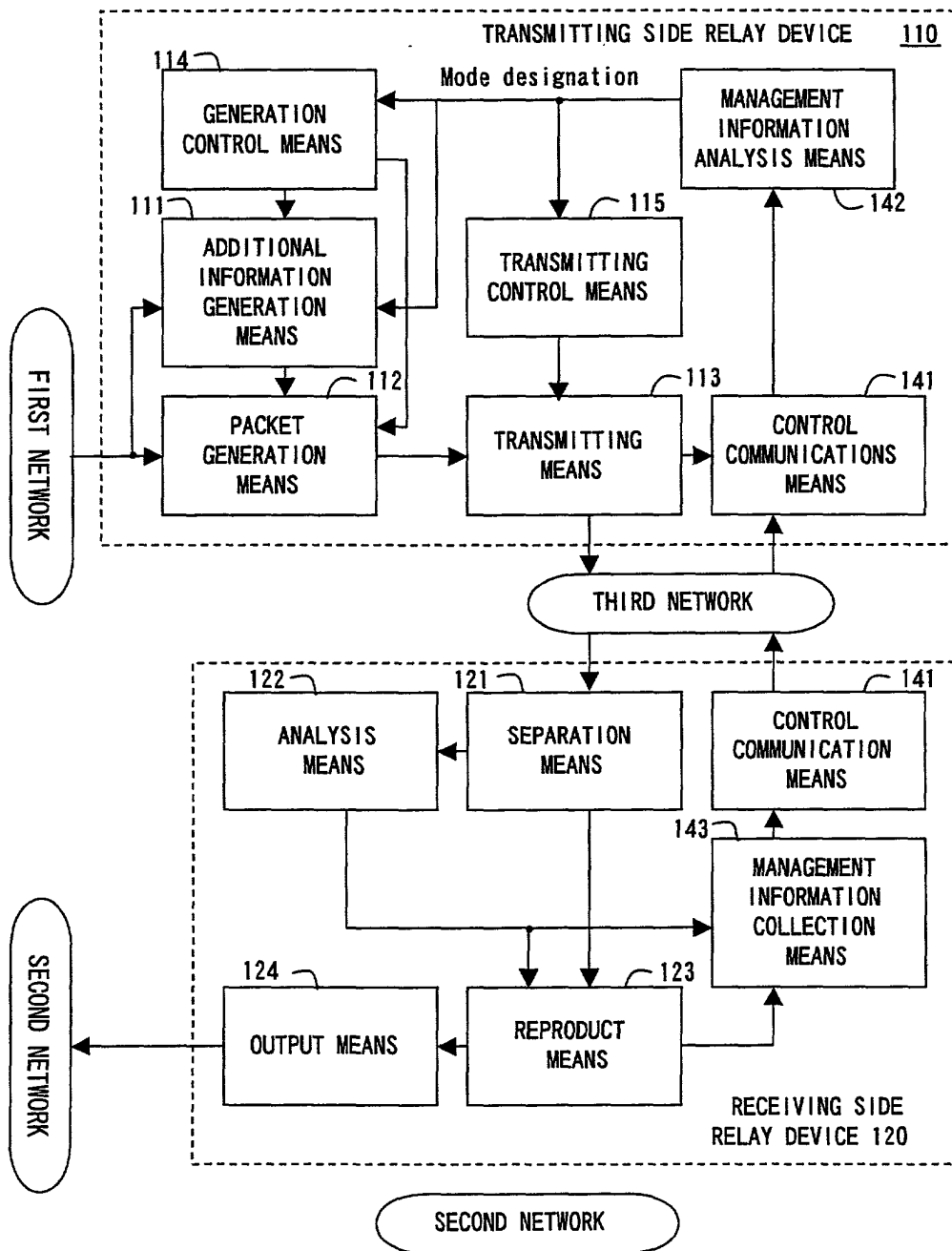


FIG. 10

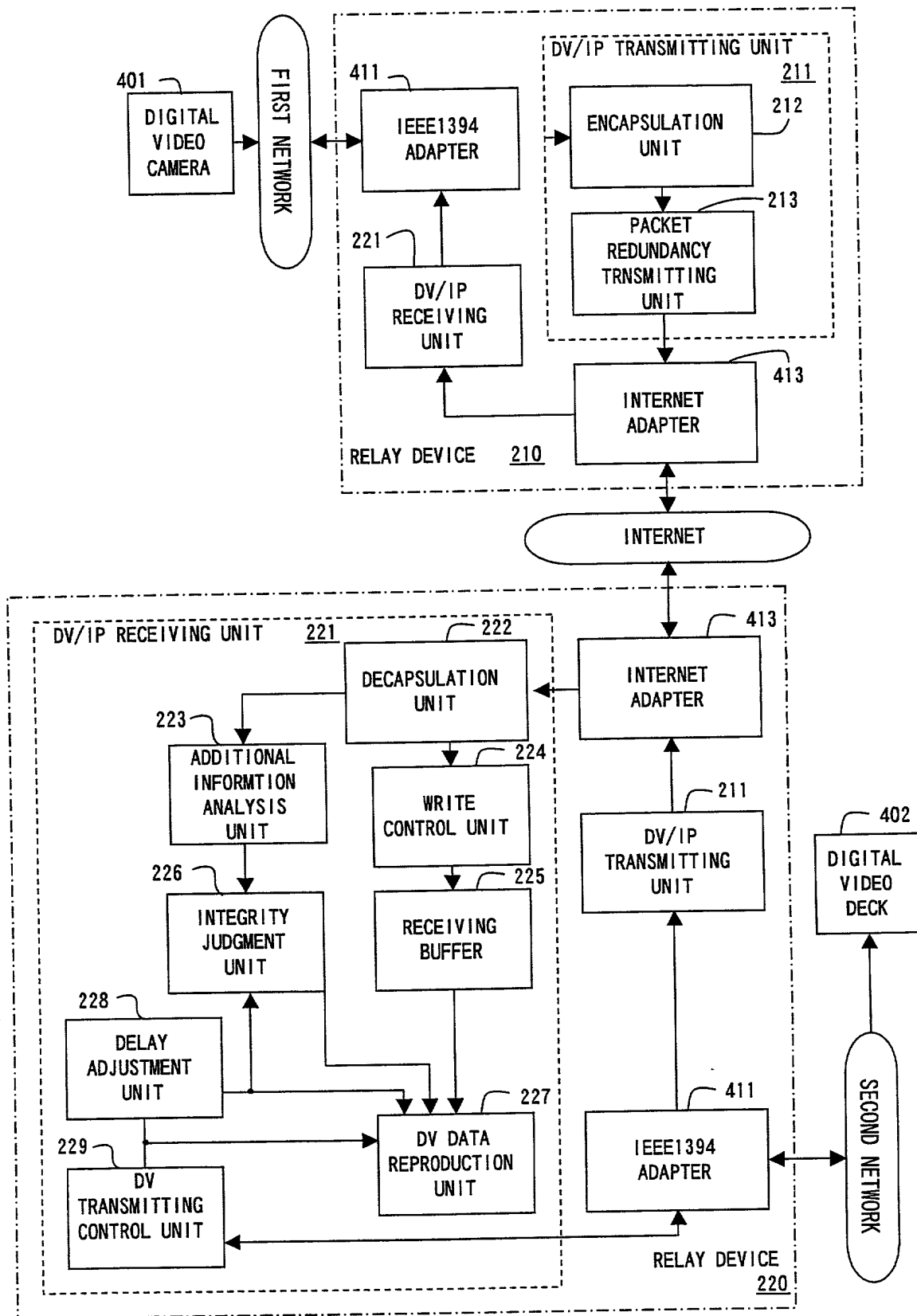


FIG. 11

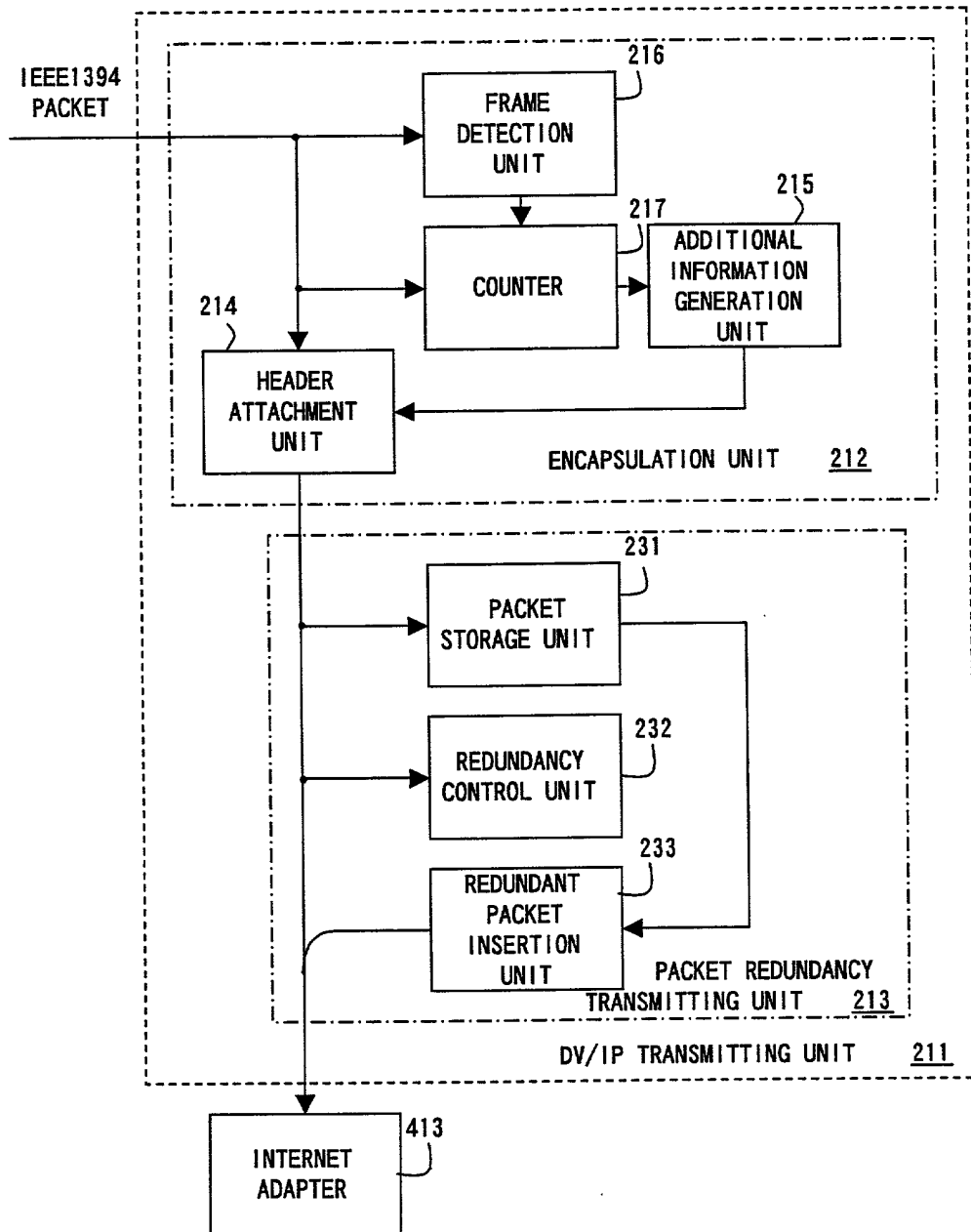


FIG. 12

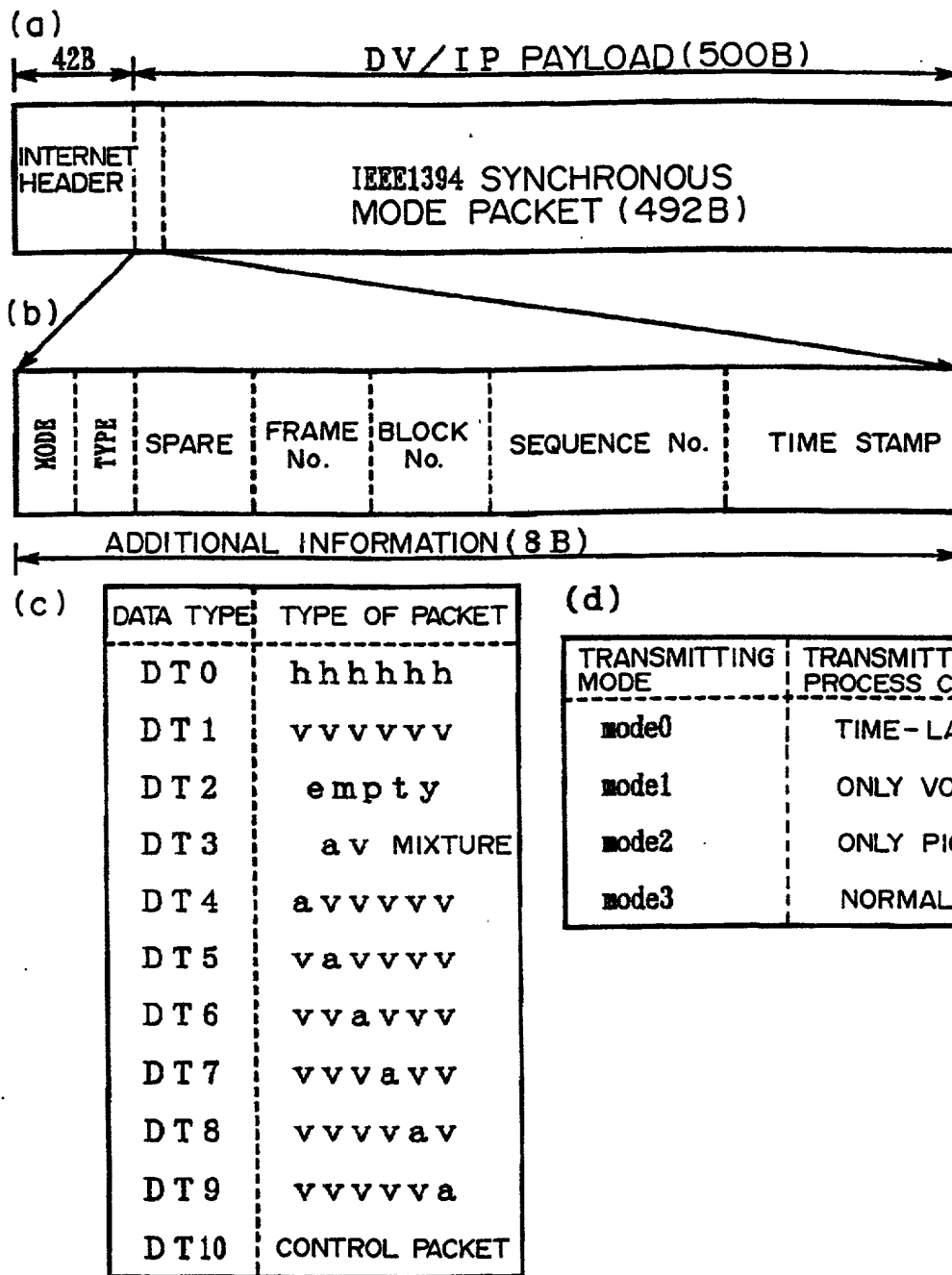


FIG. 13

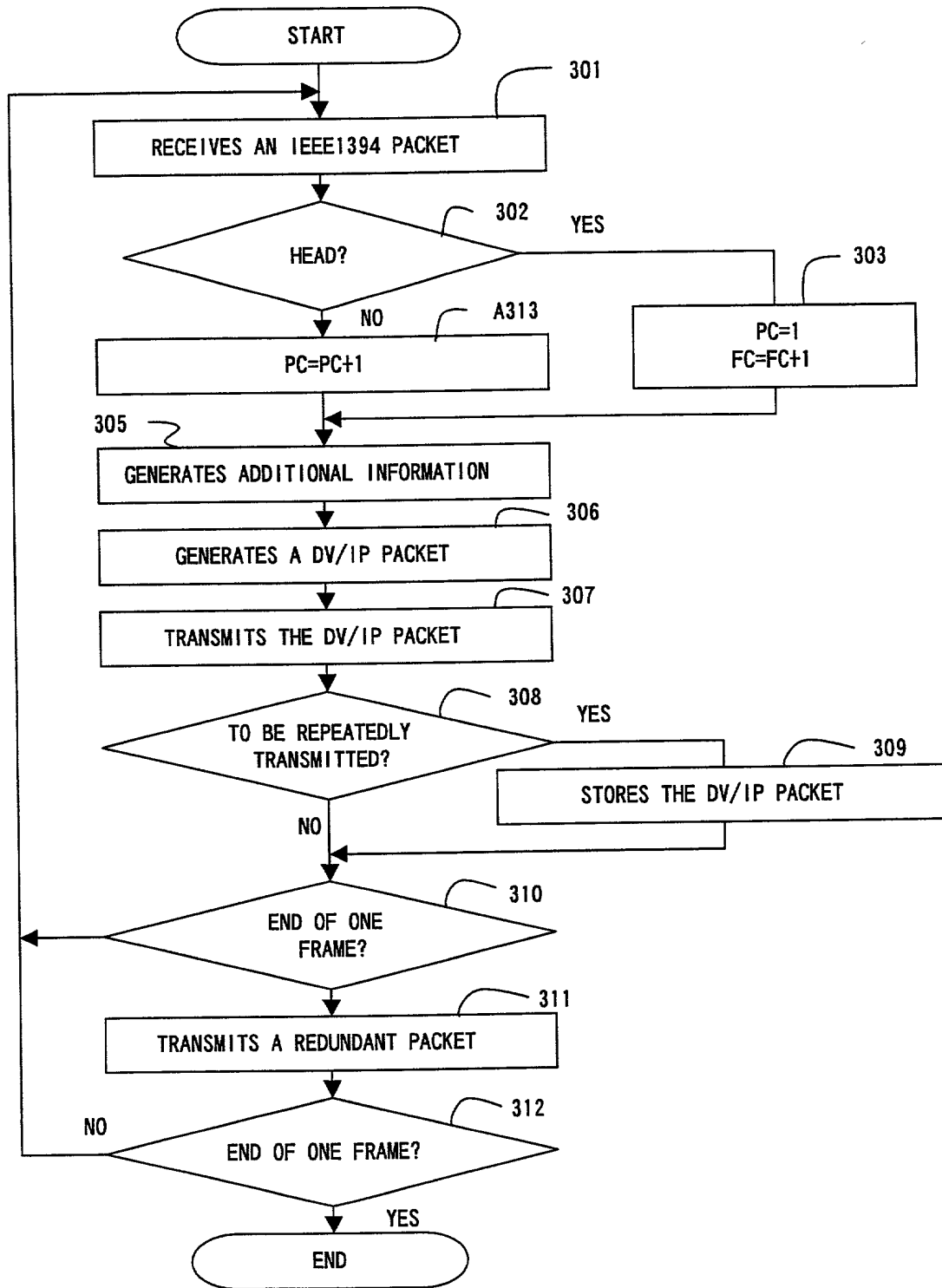


FIG. 14

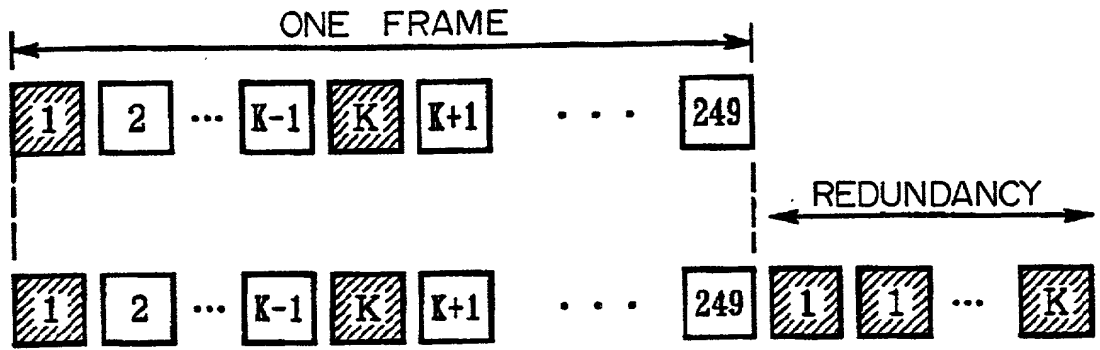


FIG. 15A

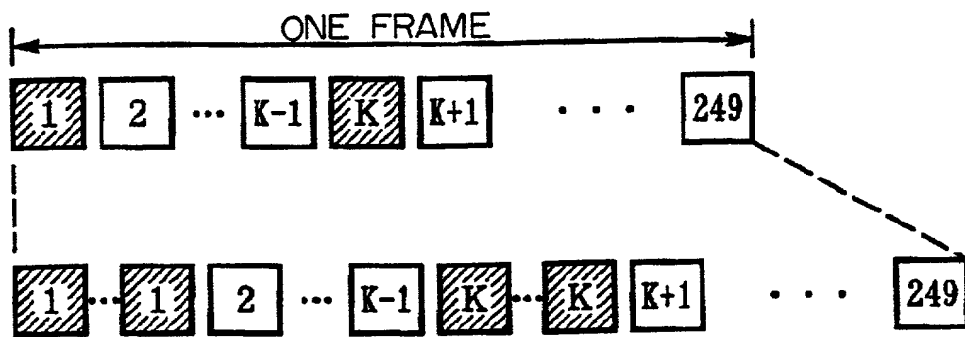


FIG. 15B

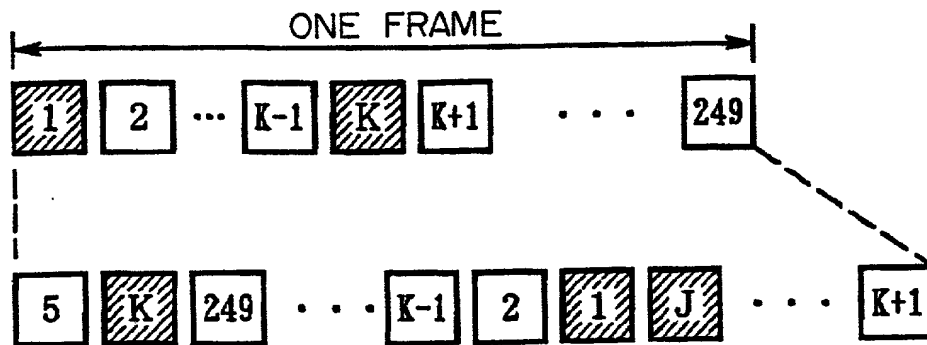


FIG. 15C

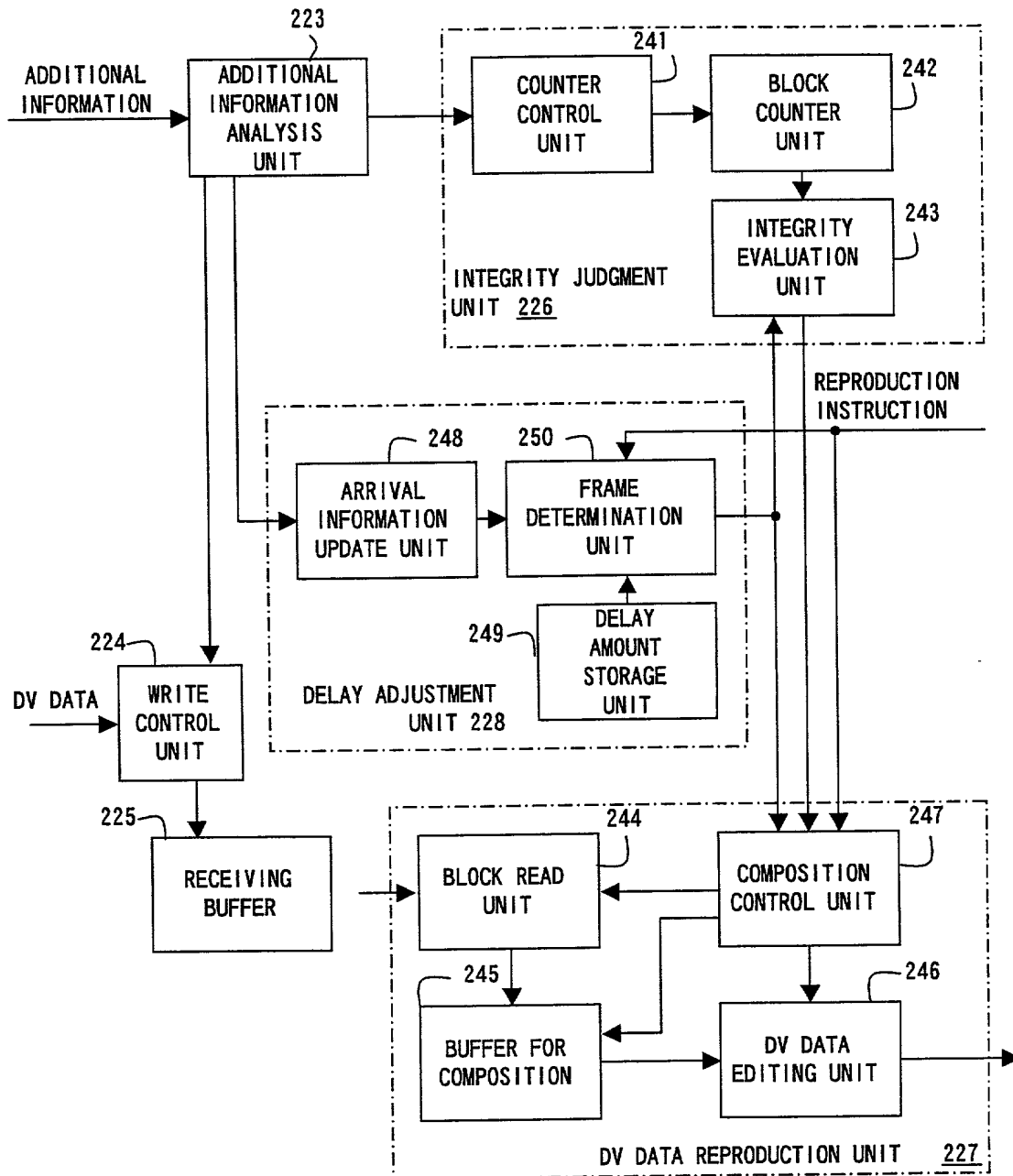


FIG. 16

BLOCK No.	FRAME(0)	FRAME(1)	...	FRAME(K)
0	DV _{0, 0}	DV _{1, 0}	...	DV _{K, 0}
1	DV _{0, 1}	DV _{1, 1}	...	DV _{K, 1}
2	DV _{0, 2}	DV _{1, 2}	...	DV _{K, 2}
⋮	⋮	⋮	⋮	⋮
249	DV _{0, 249}	DV _{1, 249}	...	DV _{K, 249}

FIG. 17A

	FRAME(0)	FRAME(1)	...	FRAME(K)
RECEIVING BLOCK	RBC0	RBC1	...	RBCK
FRAME HEADER	FHC0	FHC1	...	FHCK
AUDIO BLOCK	ABC0	ABC1	...	ABCK
VIDEO BLOCK	VBC0	VBC1	...	VBCK

FIG. 17B

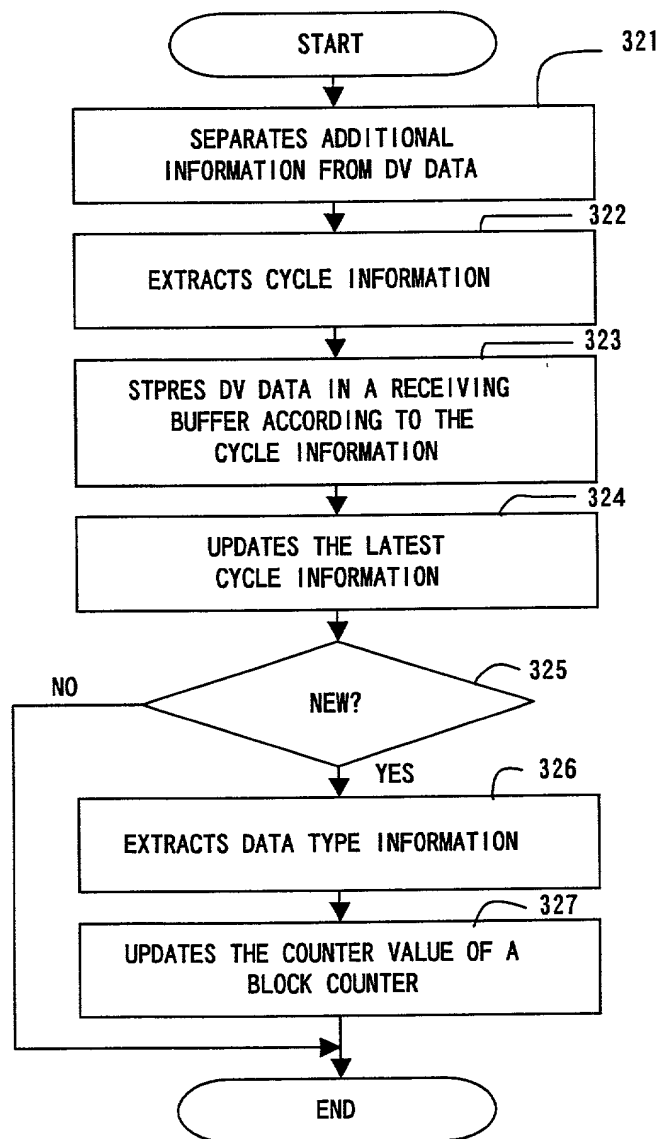


FIG. 18A

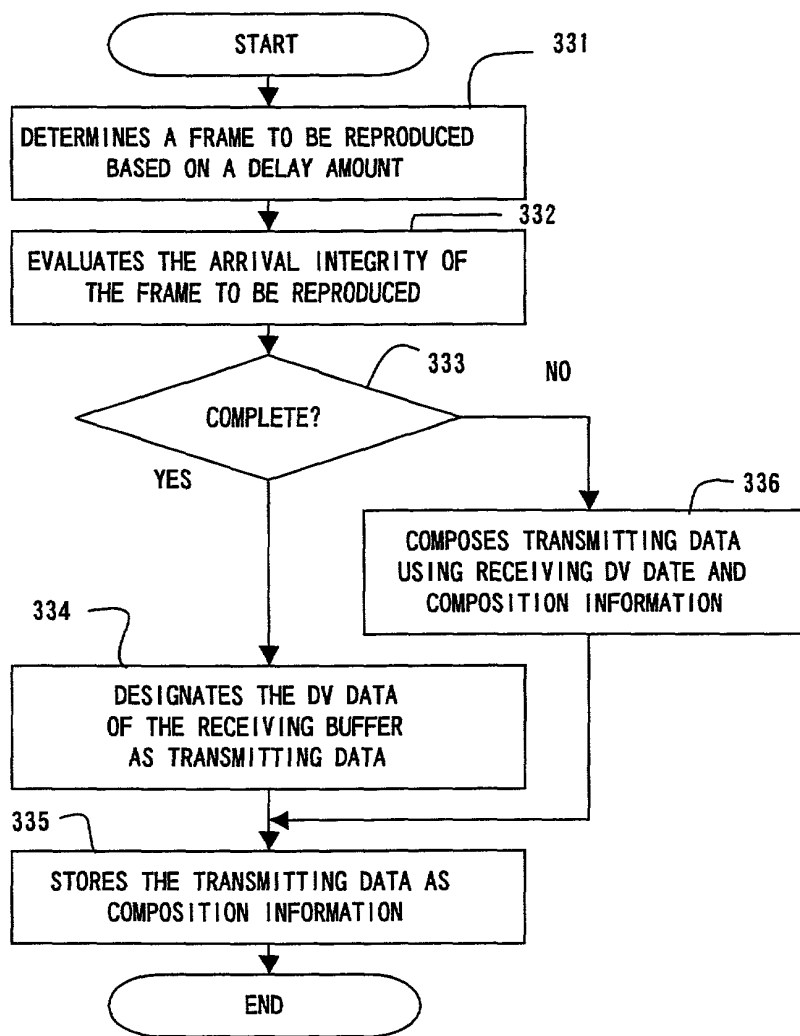


FIG. 18B

FIRST BUFFER	SECOND BUFFER	PACKET No.	TRANSMITTING DATA
$DV_{(n-1, 0)}$	$DV_{(n, 0)}$	0	$DV_{(n, 0)}$
$DV_{(n-1, 1)}$	$DV_{(n, 1)}$	1	$DV_{(n, 1)}$
$DV_{(n-1, 2)}$	LOST	2	$DV_{(n-1, 2)}$
\vdots	\vdots	\vdots	\vdots
$DV_{(n-1, 249)}$	$DV_{(n, 249)}$	249	$DV_{(n, 249)}$

FIG. 19A

PACKET No.	FIRST BUFFER	SECOND BUFFER
0	FH_{n-1}	FH_n
1	$a_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$	$a_n v_n v_n v_n v_n v_n$
2	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$	LOST
3	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} a_{n-1} v_{n-1}$	$v_n v_n v_n v_n a_n v_n$
\vdots	\vdots	\vdots
249	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$	LOST

FIG. 19B

PACKET No.	TRANSMITTING DATA
0	FH_{n-1}
1	$a_n v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$
2	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$
3	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} a_n v_{n-1}$
\vdots	\vdots
249	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$

FIG. 19C

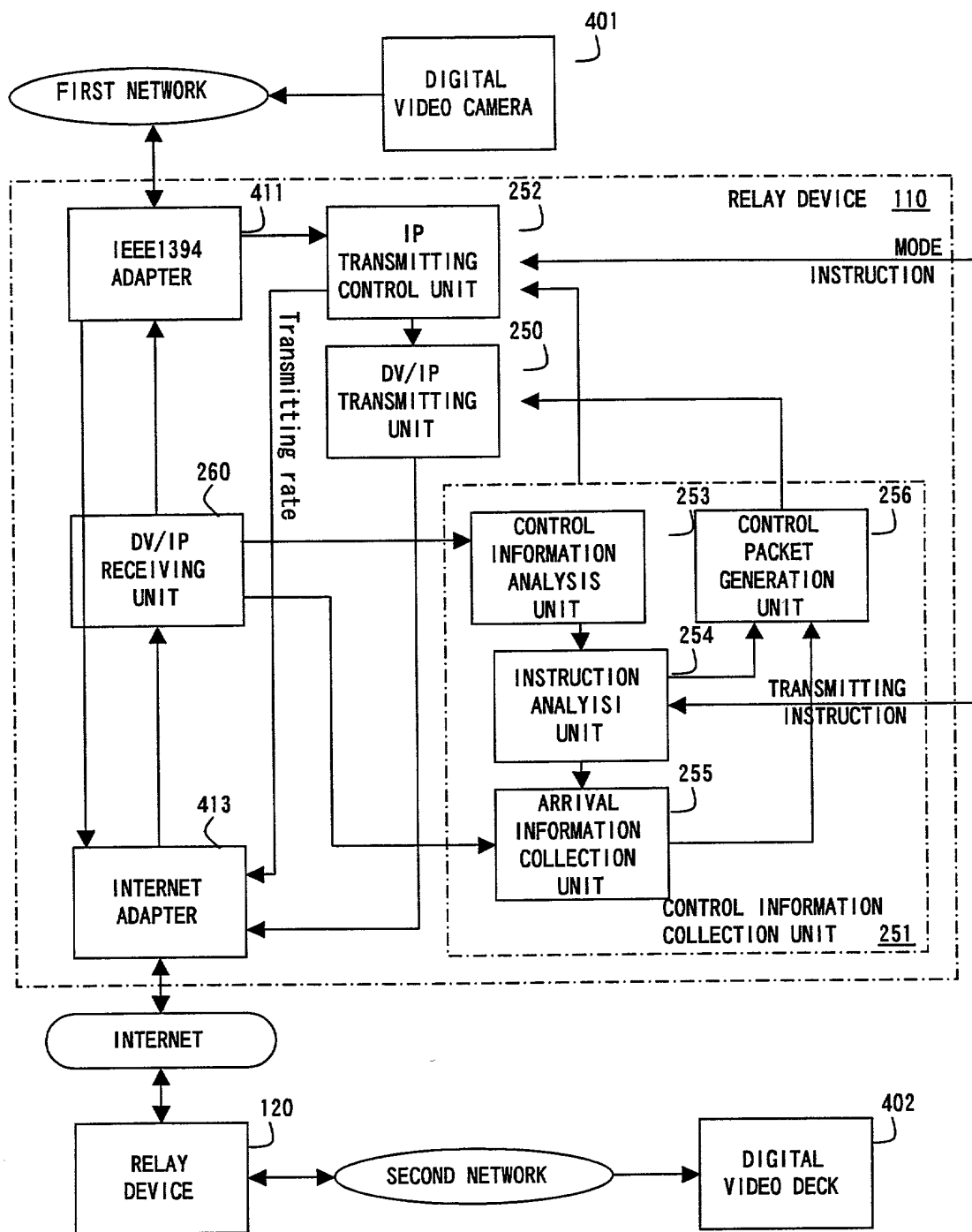


FIG. 20

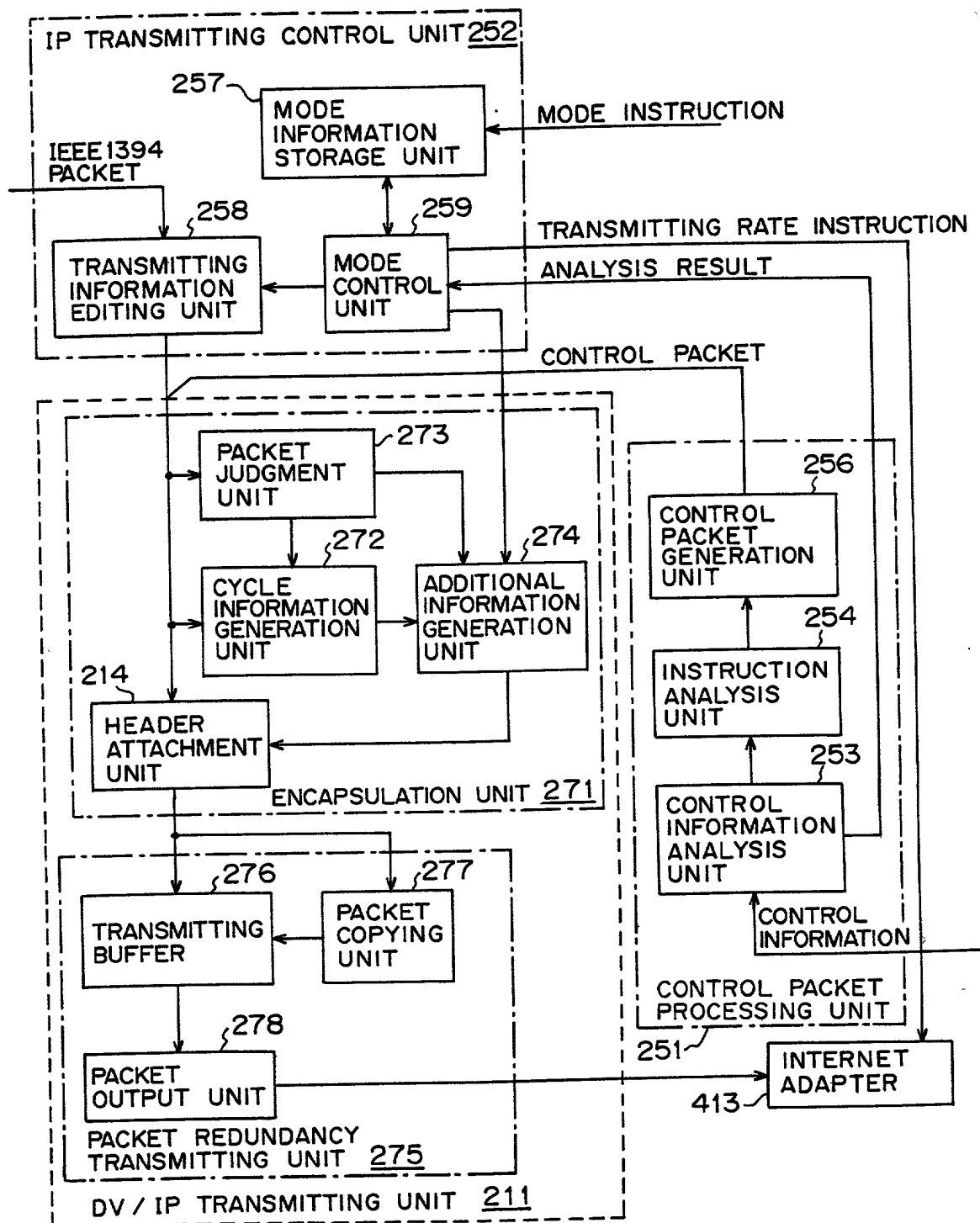


FIG. 21

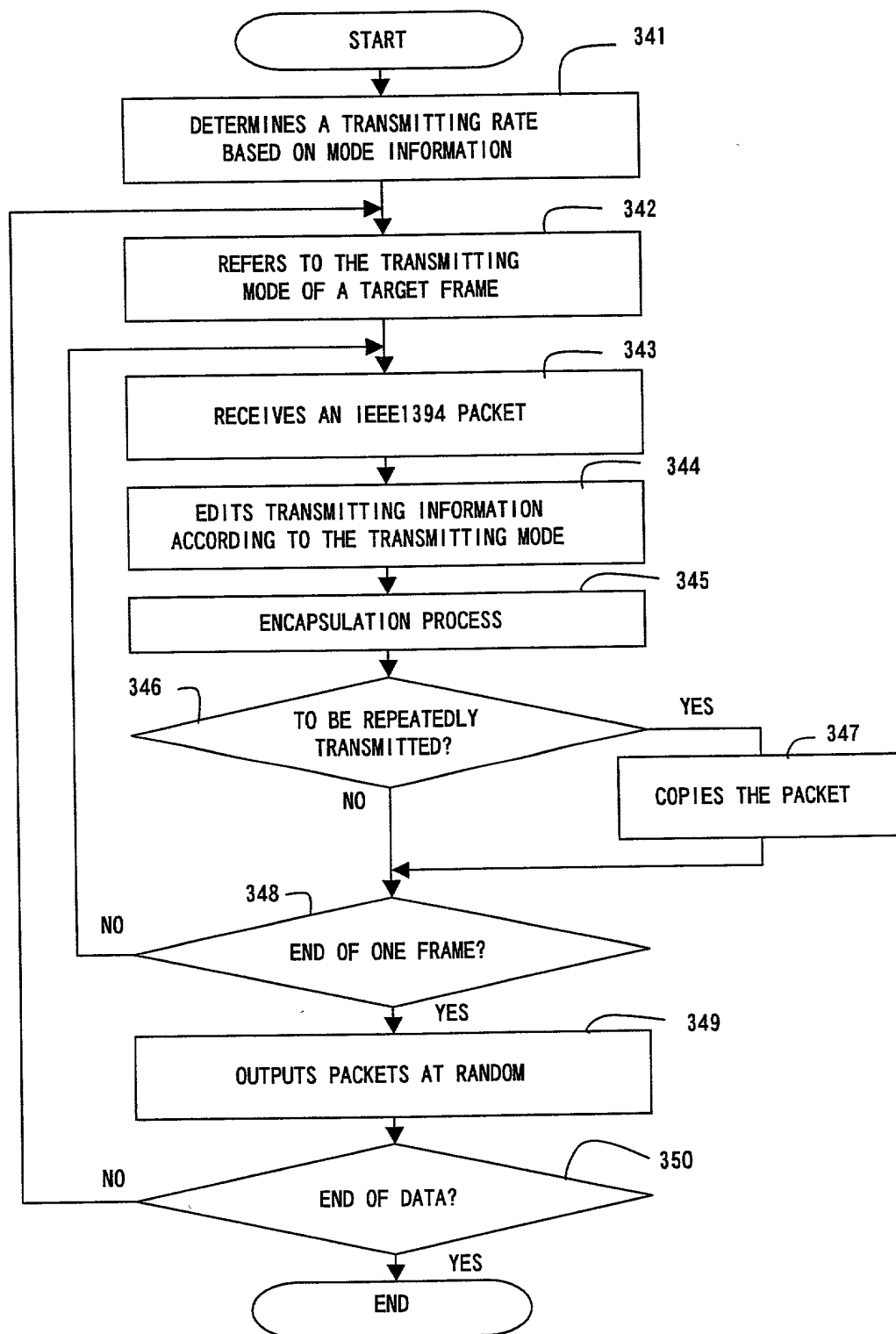


FIG. 22

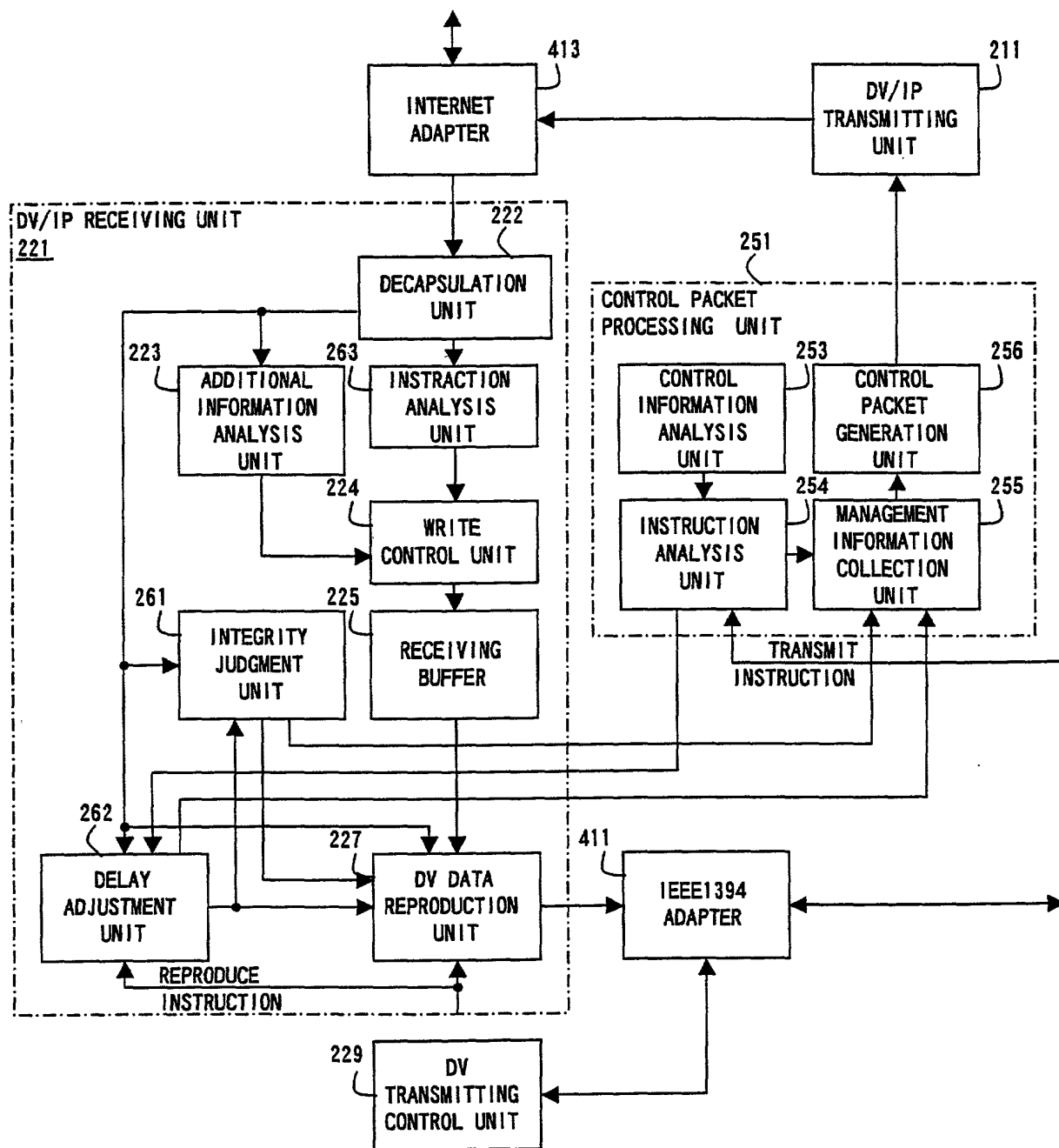


FIG. 23

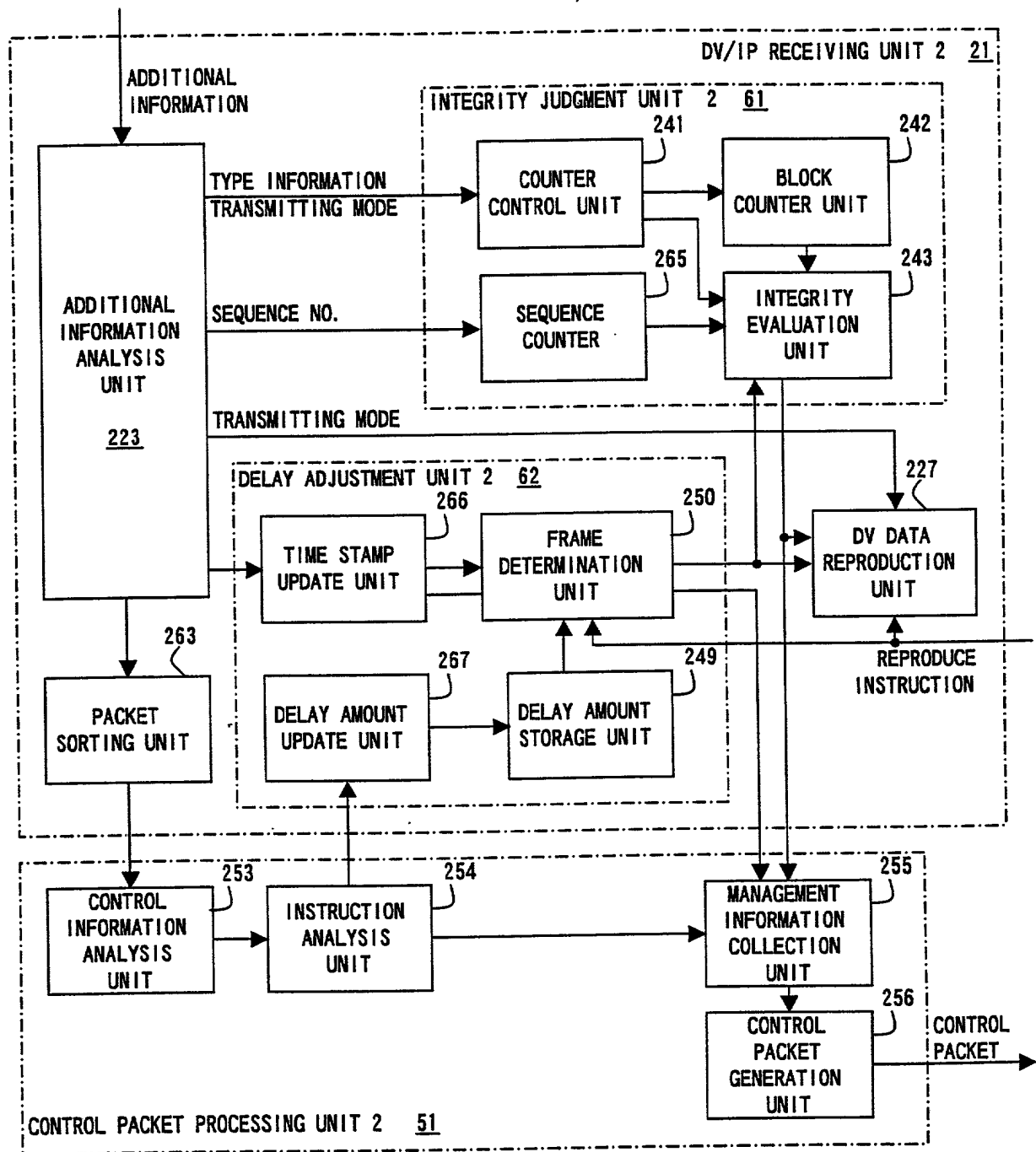


FIG. 24

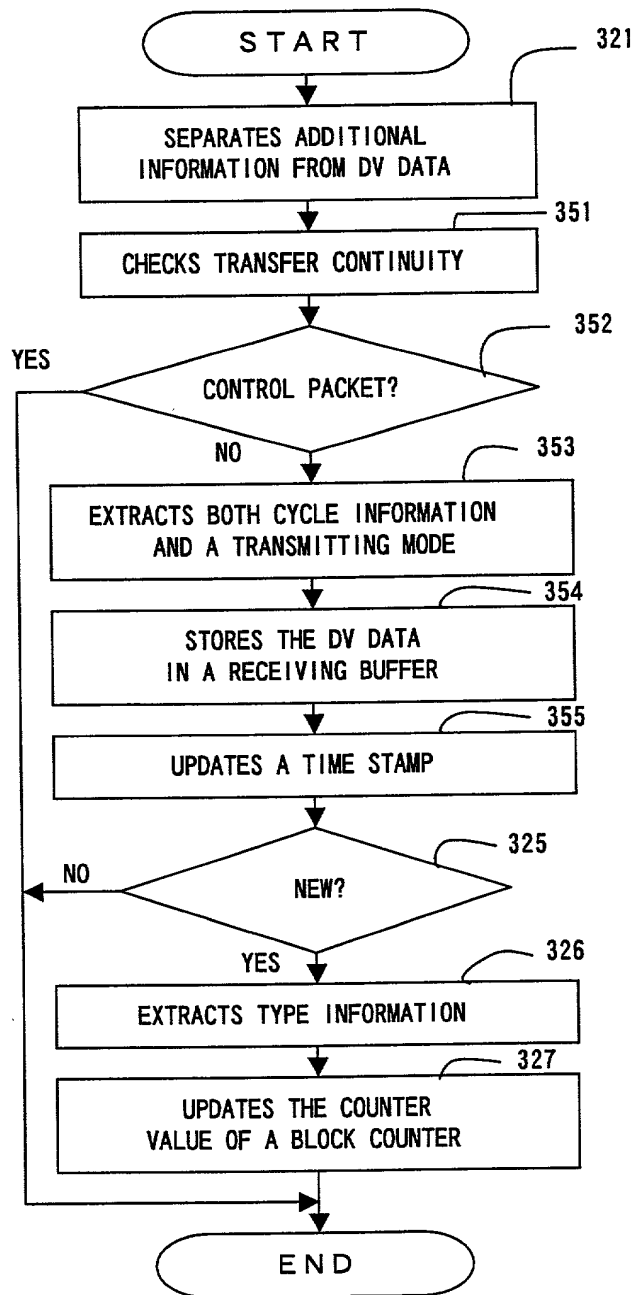


FIG. 25A

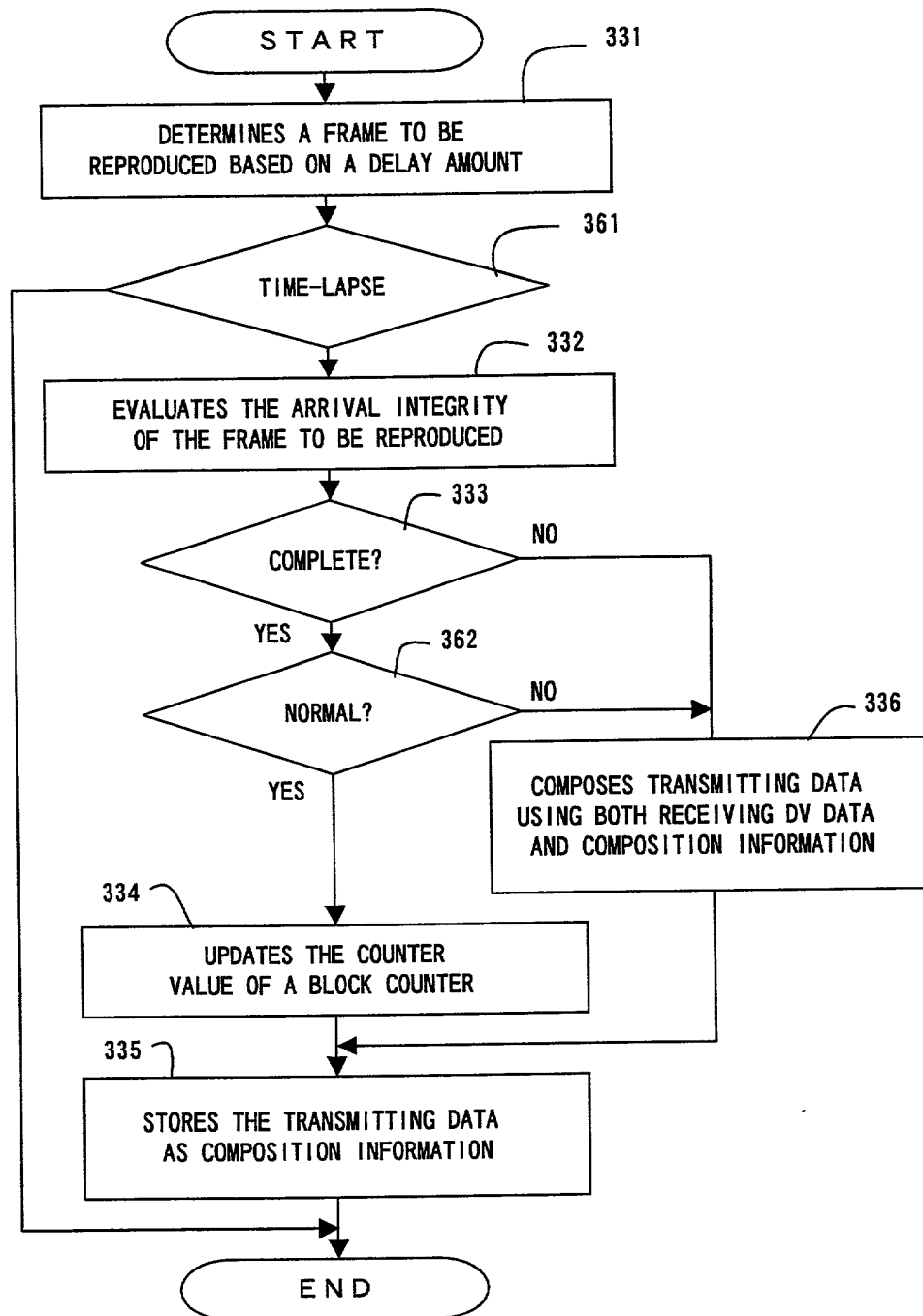


FIG. 25B

PACKET No.	ONLY VOICE	ONLY PICTURE
0	FH	FH
1	a v v v v v	- v v v v v
2	- - - - -	v v v v v v
3	v v v v a v	v v v v - v
⋮	⋮	⋮
249	- - - - -	v v v v v v

FIG. 26A

PACKET No.	FIRST BUFFER	SECOND BUFFER
0	FH_{n-1}	FH_n
1	$a_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$	$a_n - - - - -$
2	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$	$- - - - -$
3	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} a_{n-1} v_{n-1}$	$- - - - a_n -$
⋮	⋮	⋮
249	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$	$- - - - -$

FIG. 26B

PACKET No.	TRANSMITTING DATA
0	FH_{n-1}
1	$a_n v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$
2	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$
3	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} a_n v_{n-1}$
⋮	⋮
249	$v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1} v_{n-1}$

FIG. 26C

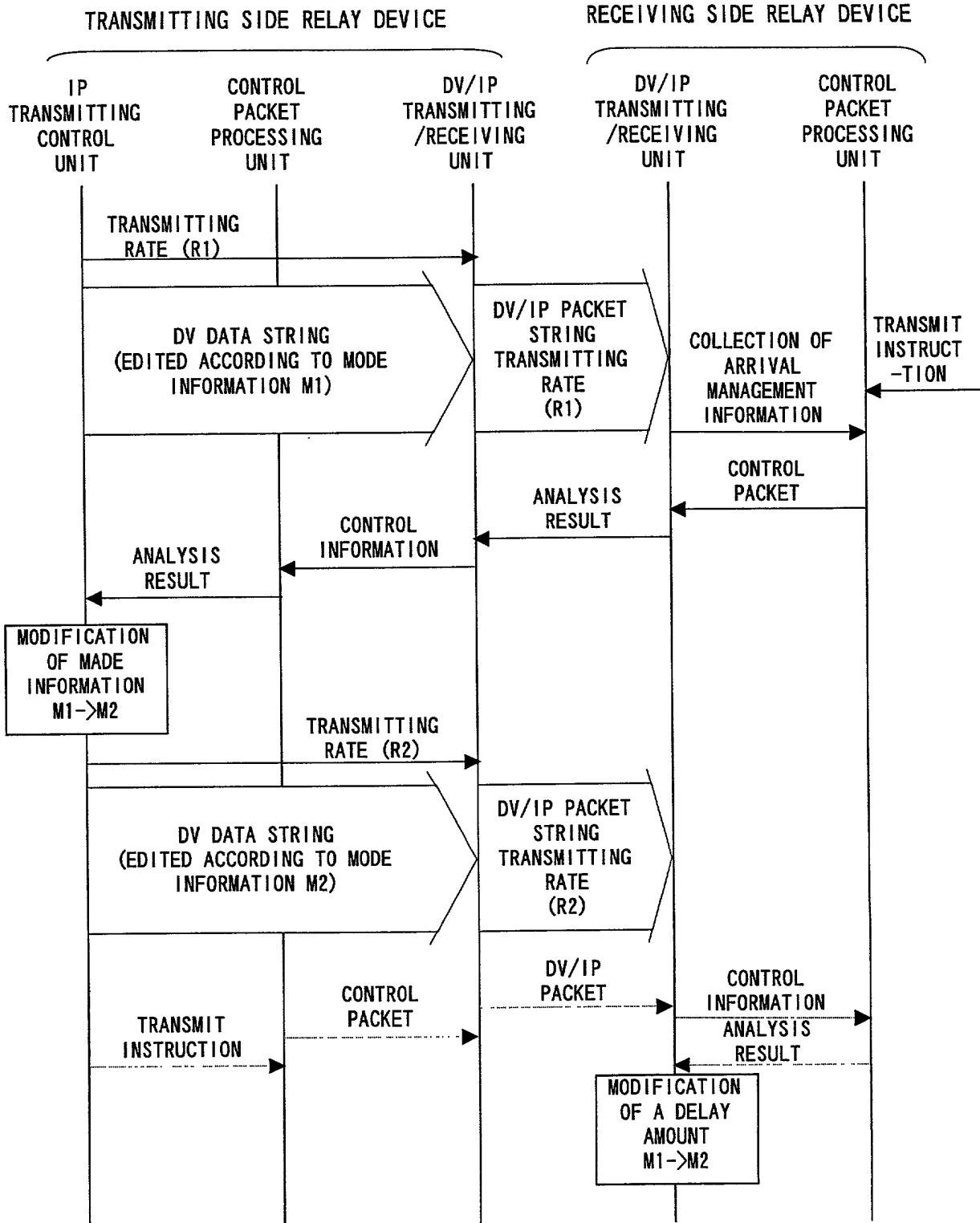


FIG. 27

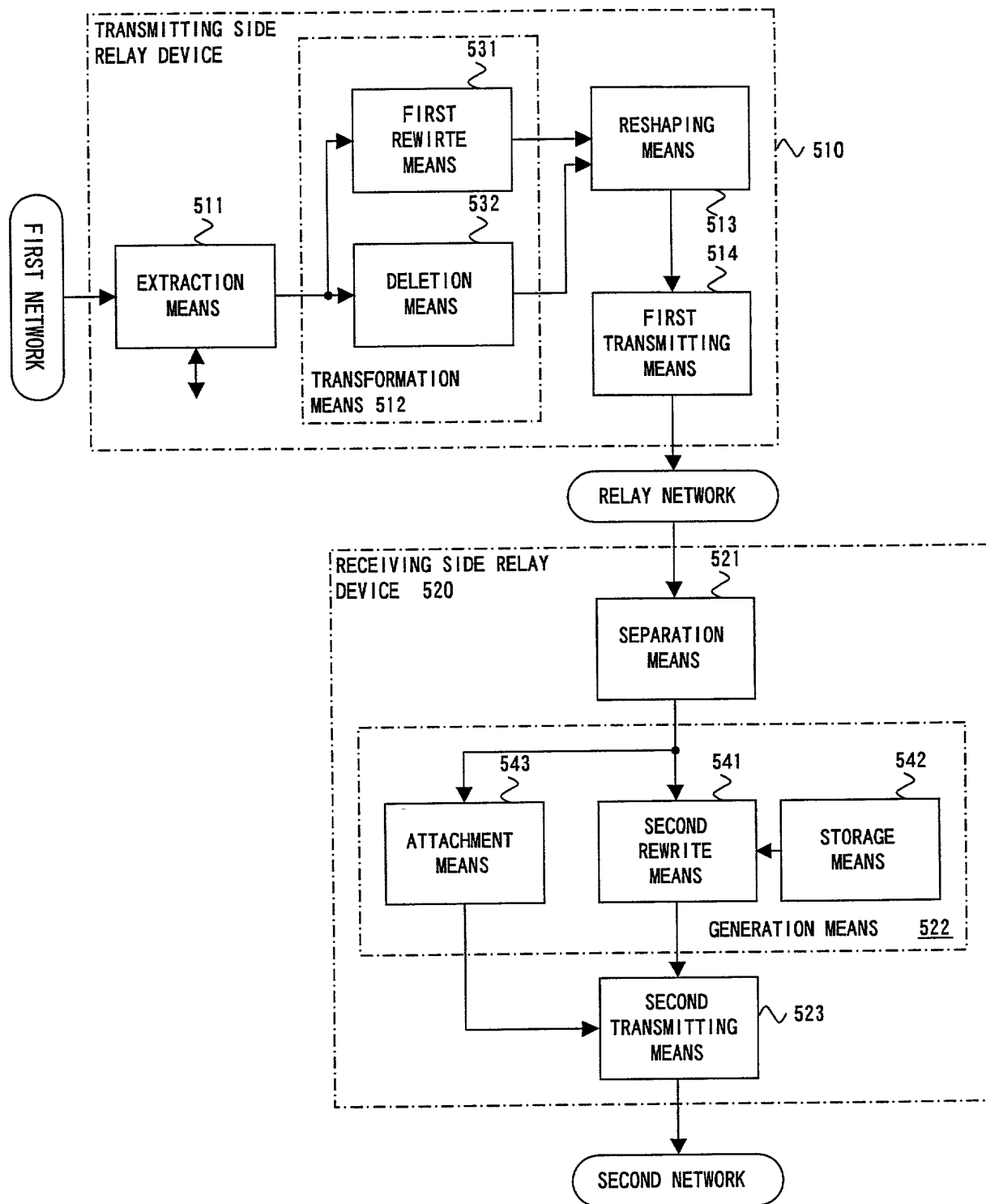


FIG. 28

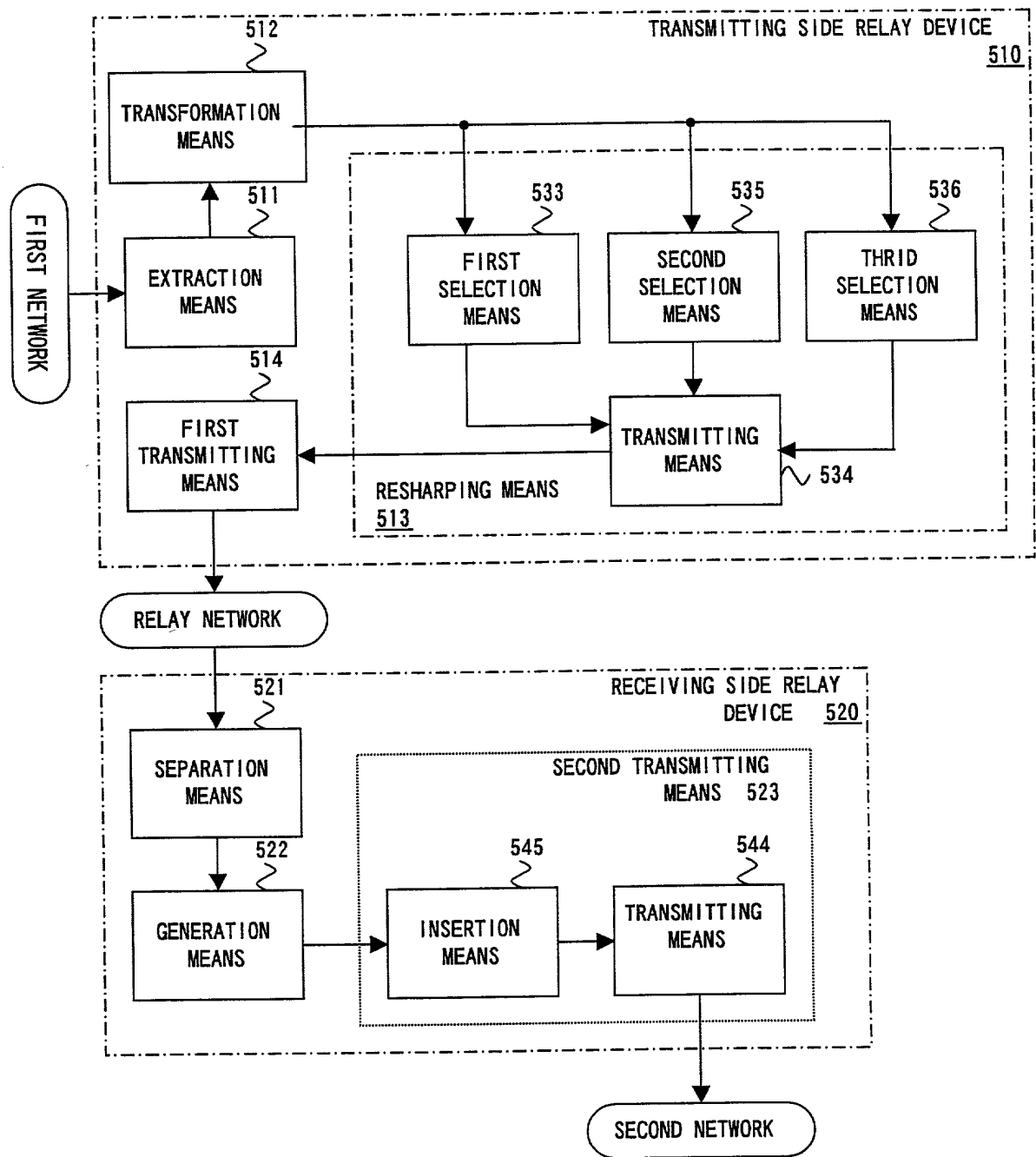


FIG. 29

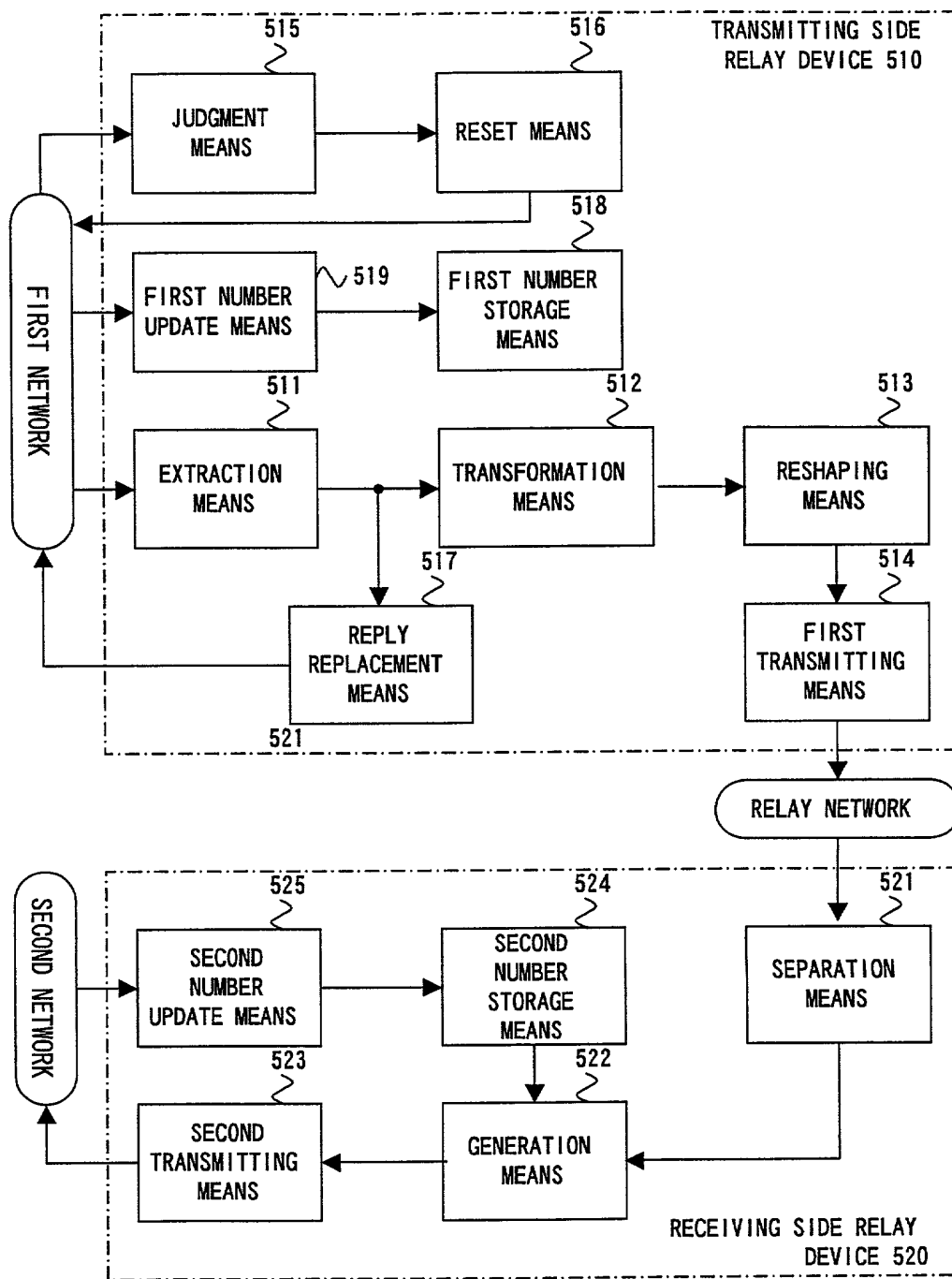


FIG. 30

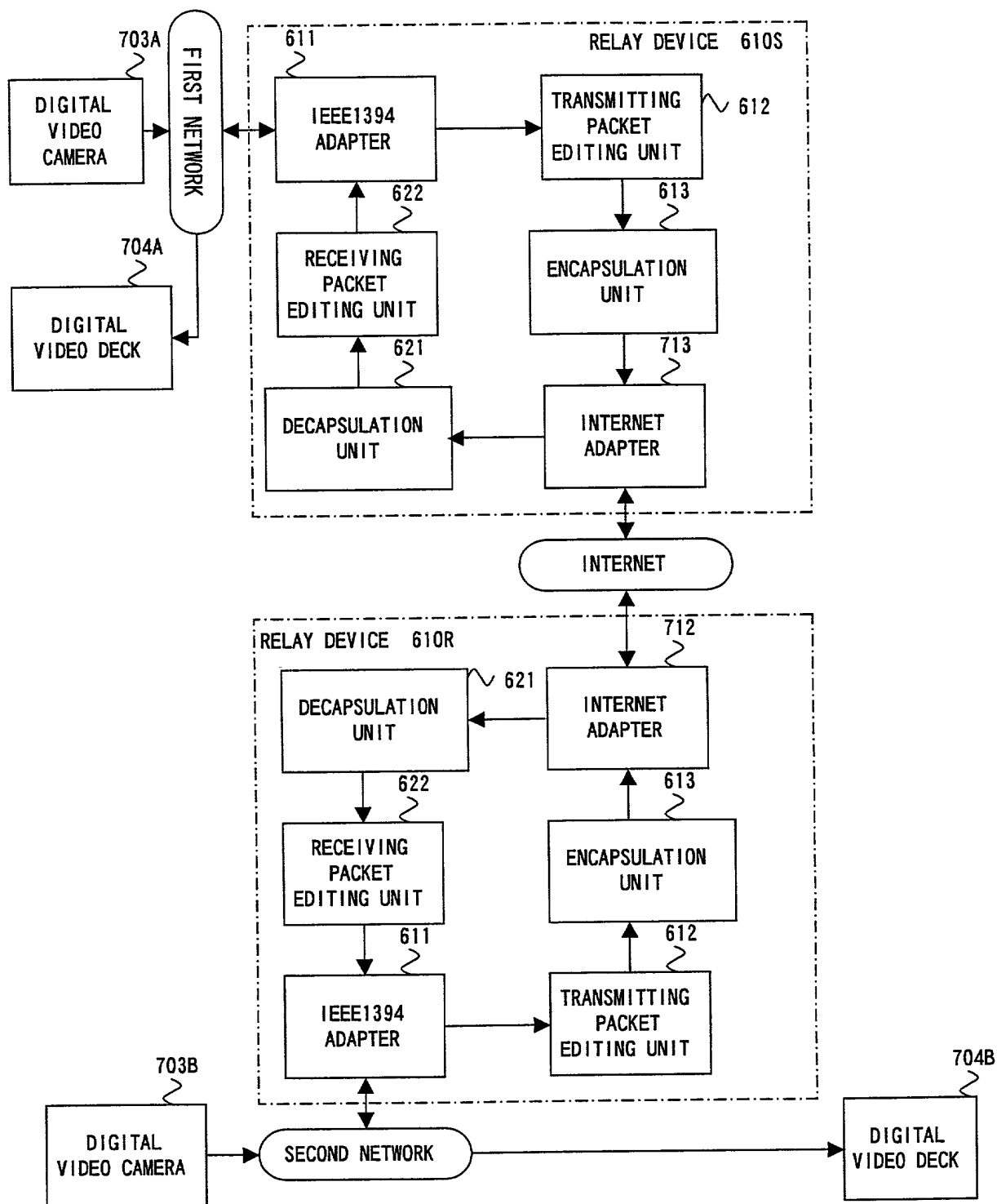


FIG. 31

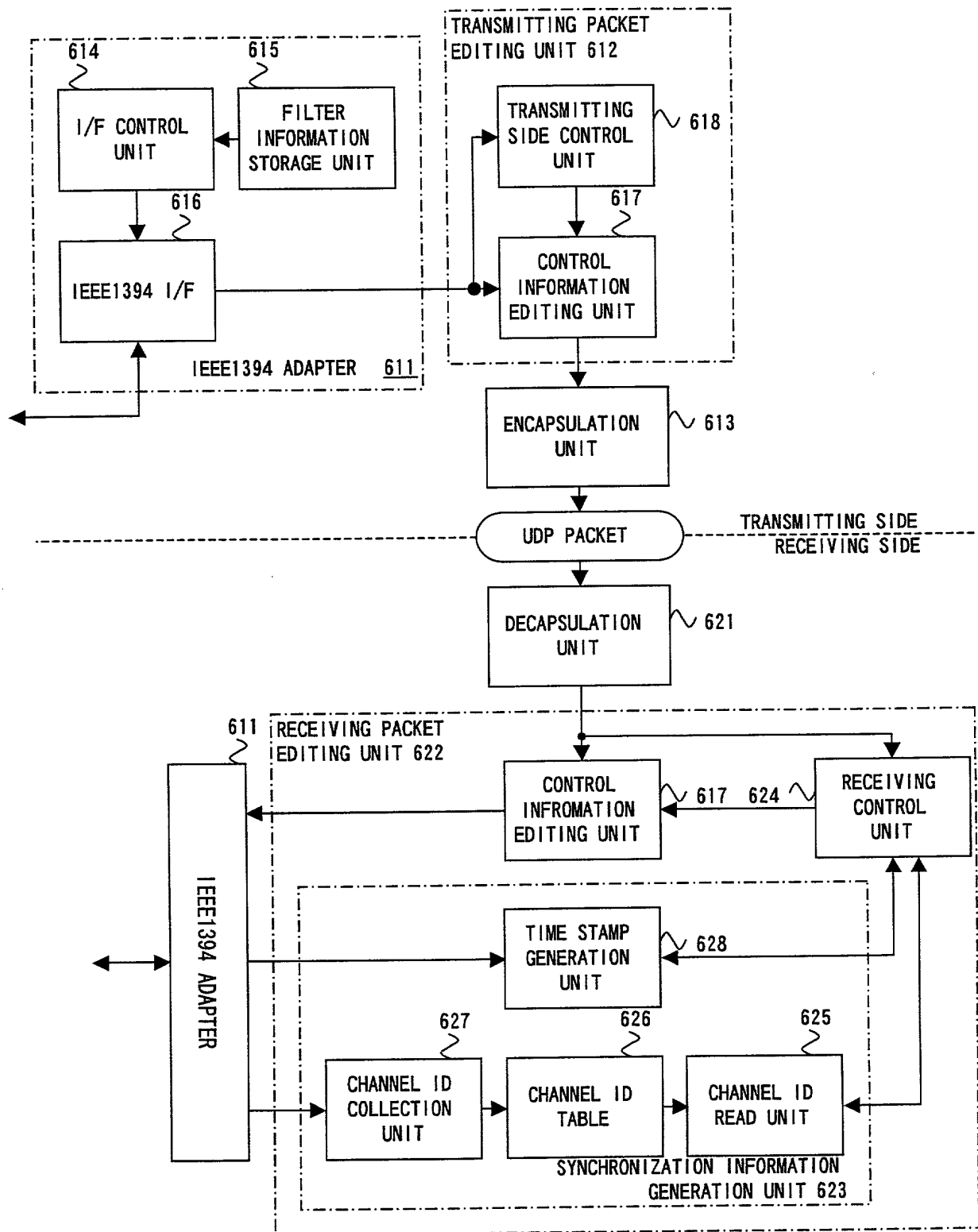


FIG. 32

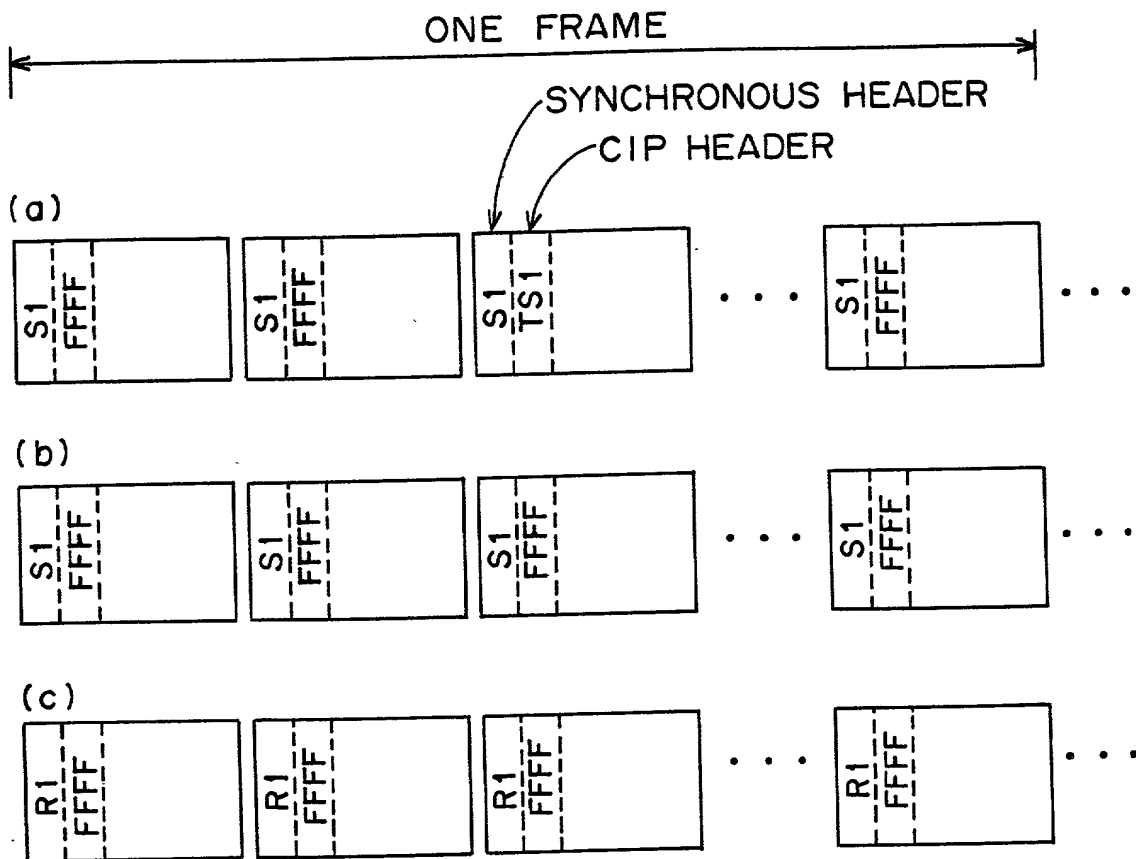


FIG. 33

TRANSMITTING SIDE CHANNEL ID	RECEIVING SIDE CHANNEL ID
S 1	R 1
⋮	⋮

FIG. 34A

TRANSMITTING SIDE CHANNEL ID	NETWORK ADDRESS	RECEIVING SIDE CHANNEL ID
S 1	N 1	R 1
S 1	N 2	R 2
S 2	N 1	R 3
⋮	⋮	⋮

FIG. 34B

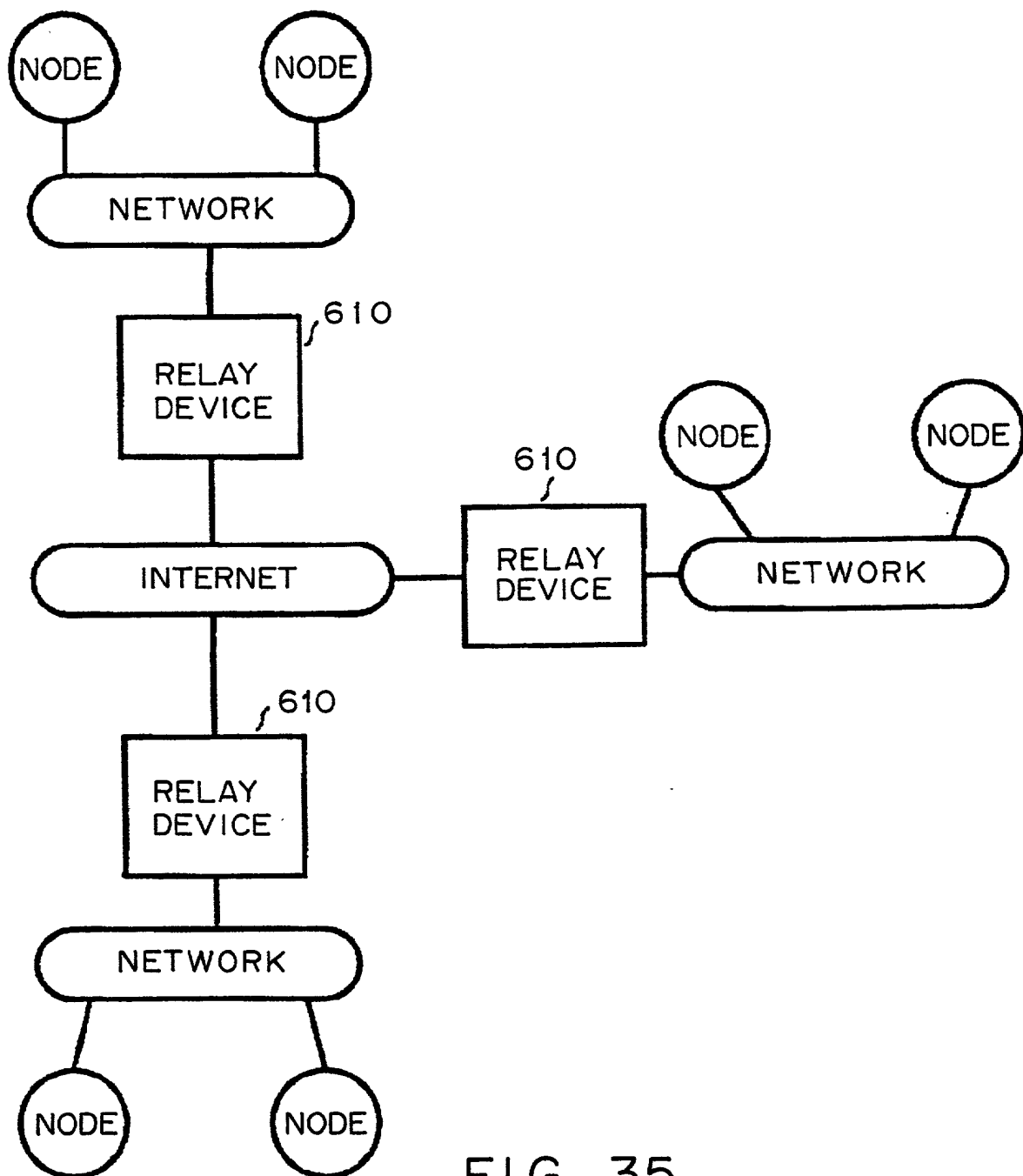


FIG. 35

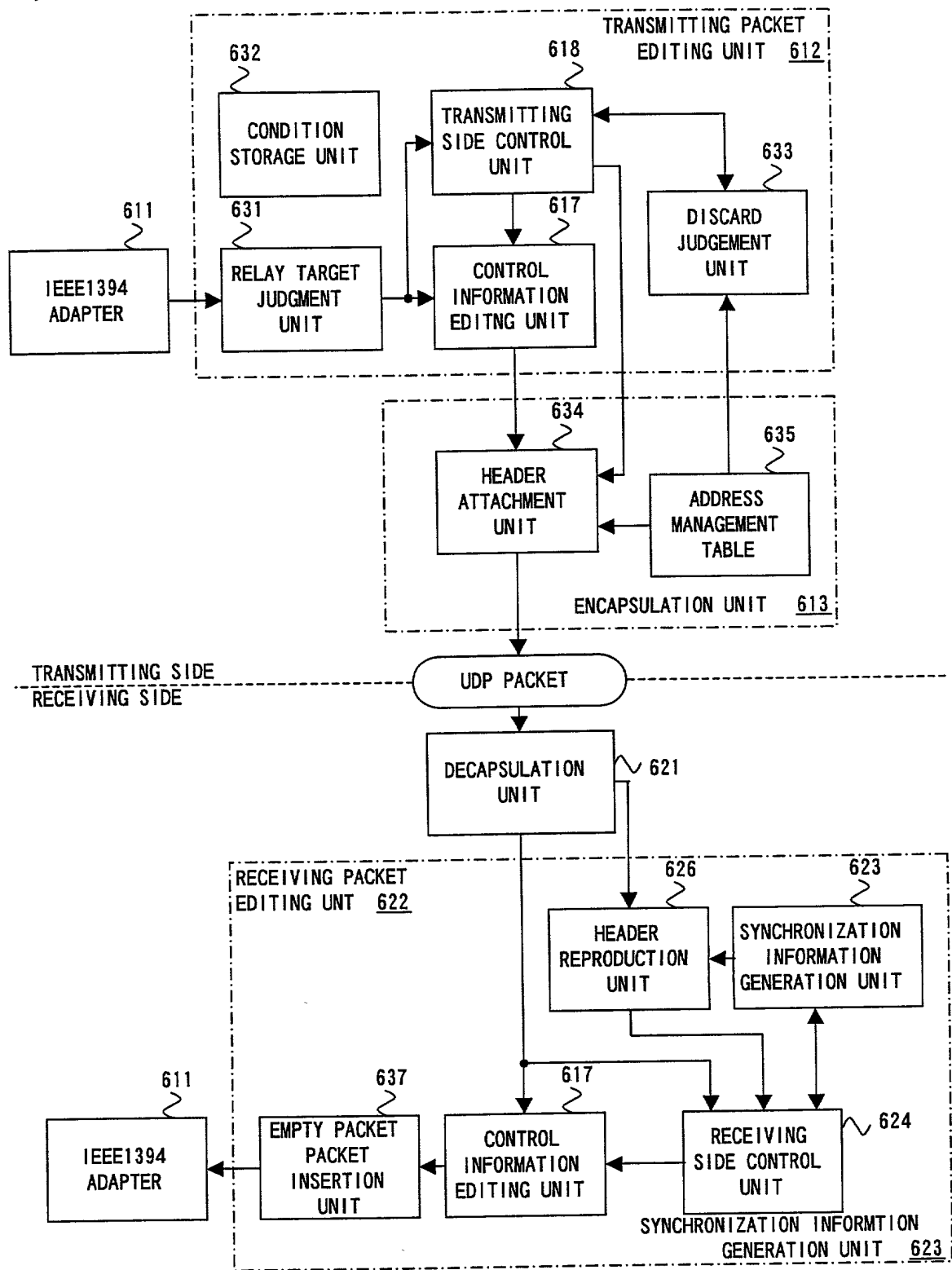


FIG. 36

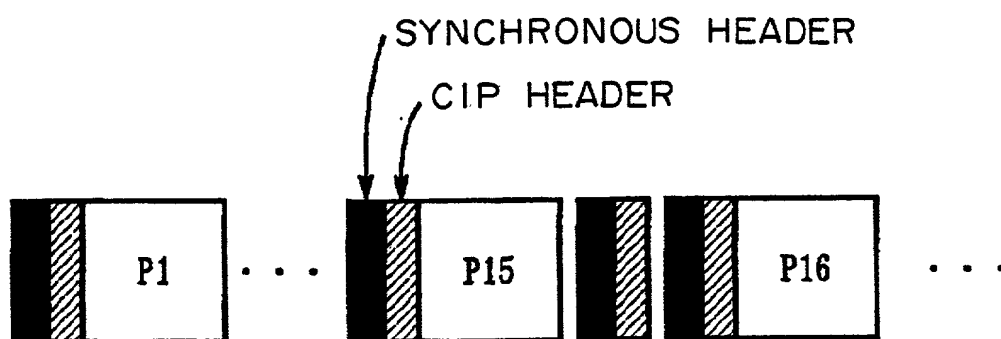


FIG. 37A

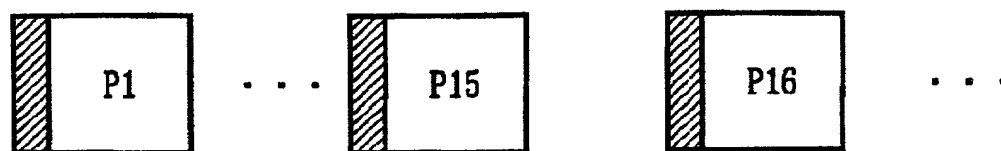


FIG. 37B

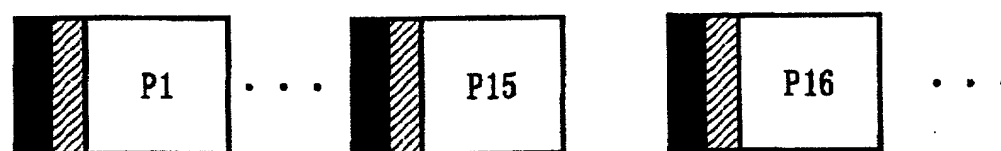


FIG. 37C

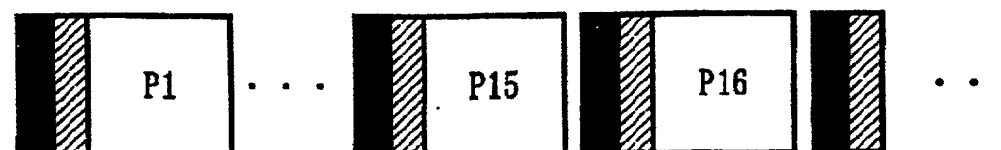


FIG. 37D

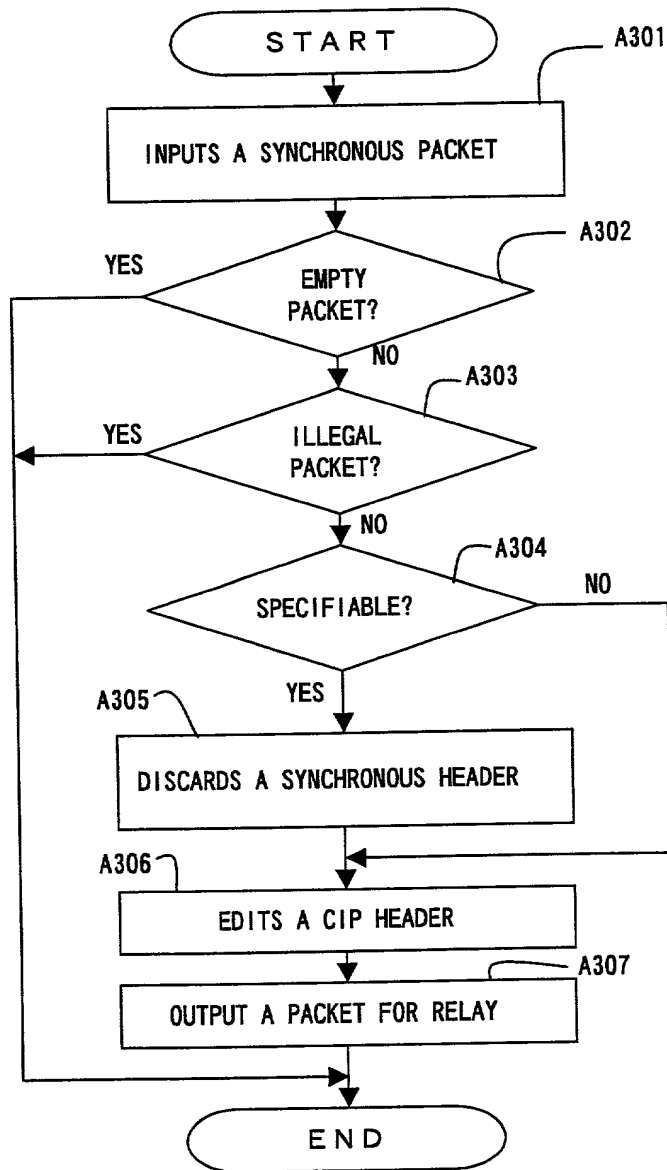


FIG. 38

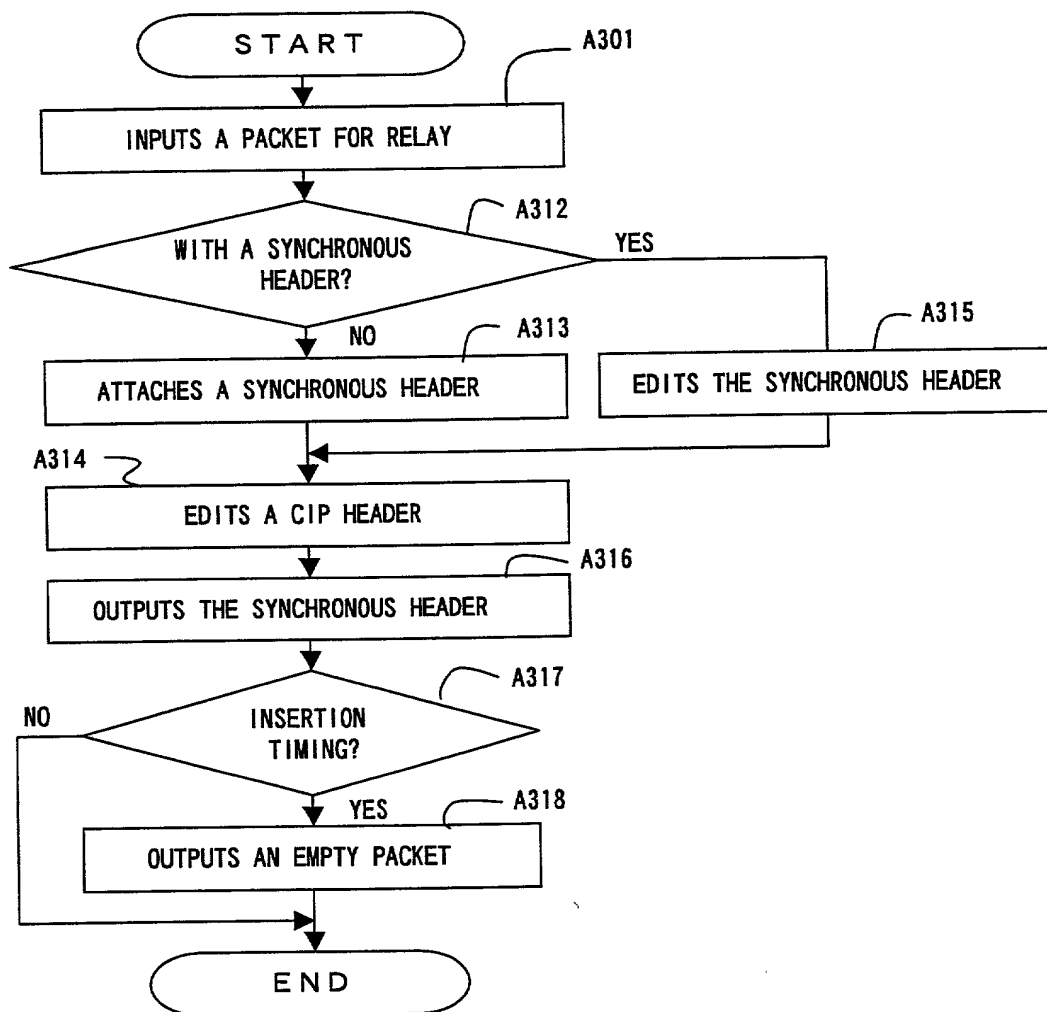


FIG. 39

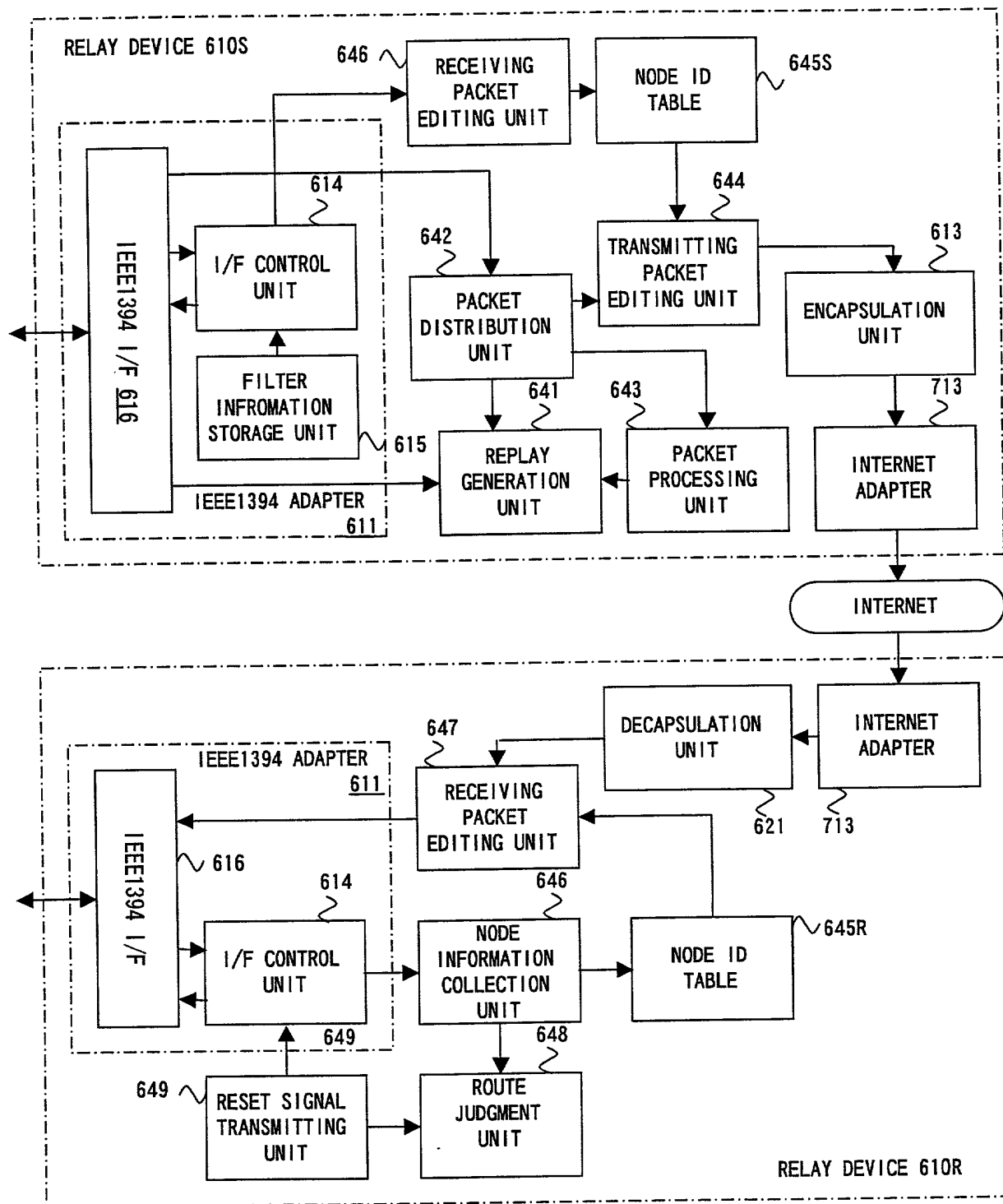


FIG. 40

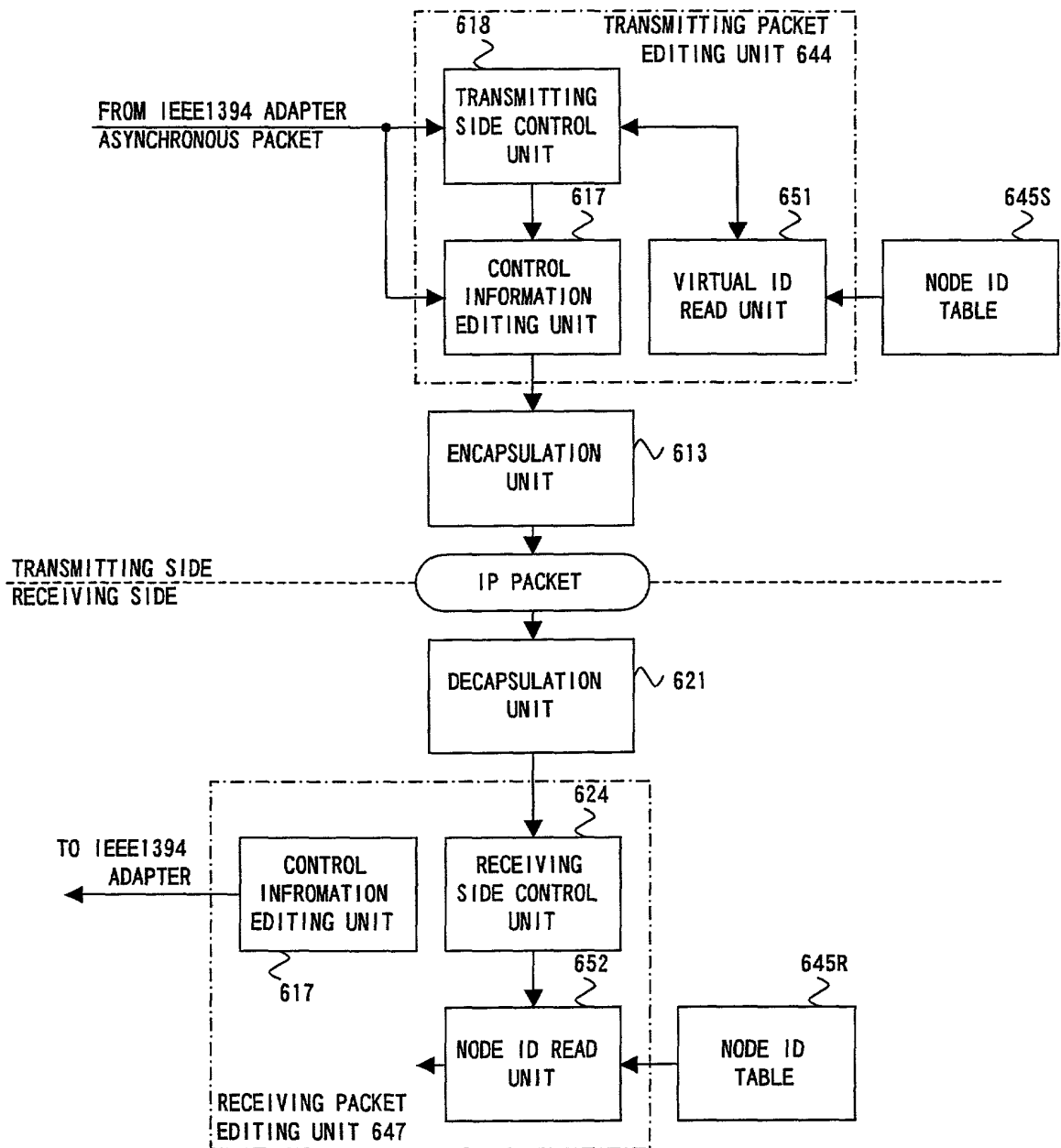


FIG. 41

FIG. 42A

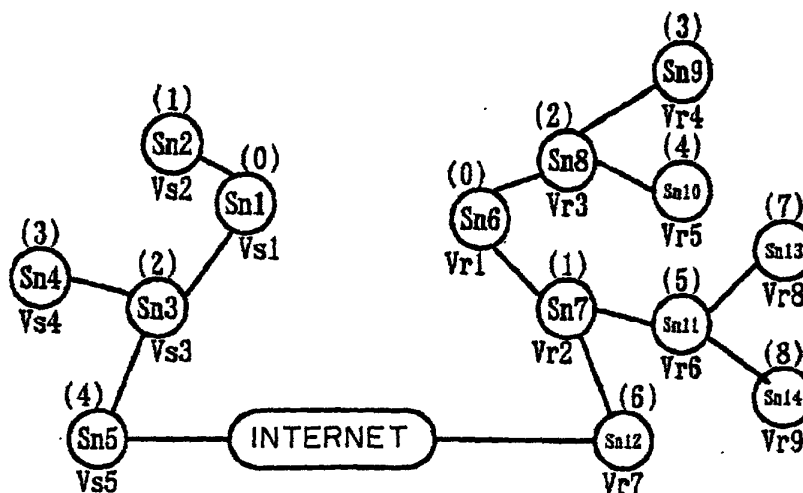


FIG. 42B

SERIAL No.	VIRTUAL ID	NODE ID
Sn 1	Vs 1	0
Sn 2	Vs 2	1
.	.	.
.	.	.
Sn 5	Vs 5	4

FIG. 42C

SERIAL No.	VIRTUAL ID	NODE ID
Sn 6	Vr 1	0
Sn 7	Vr 2	1
.	.	.
.	.	.
Sn14	Vr 9	8

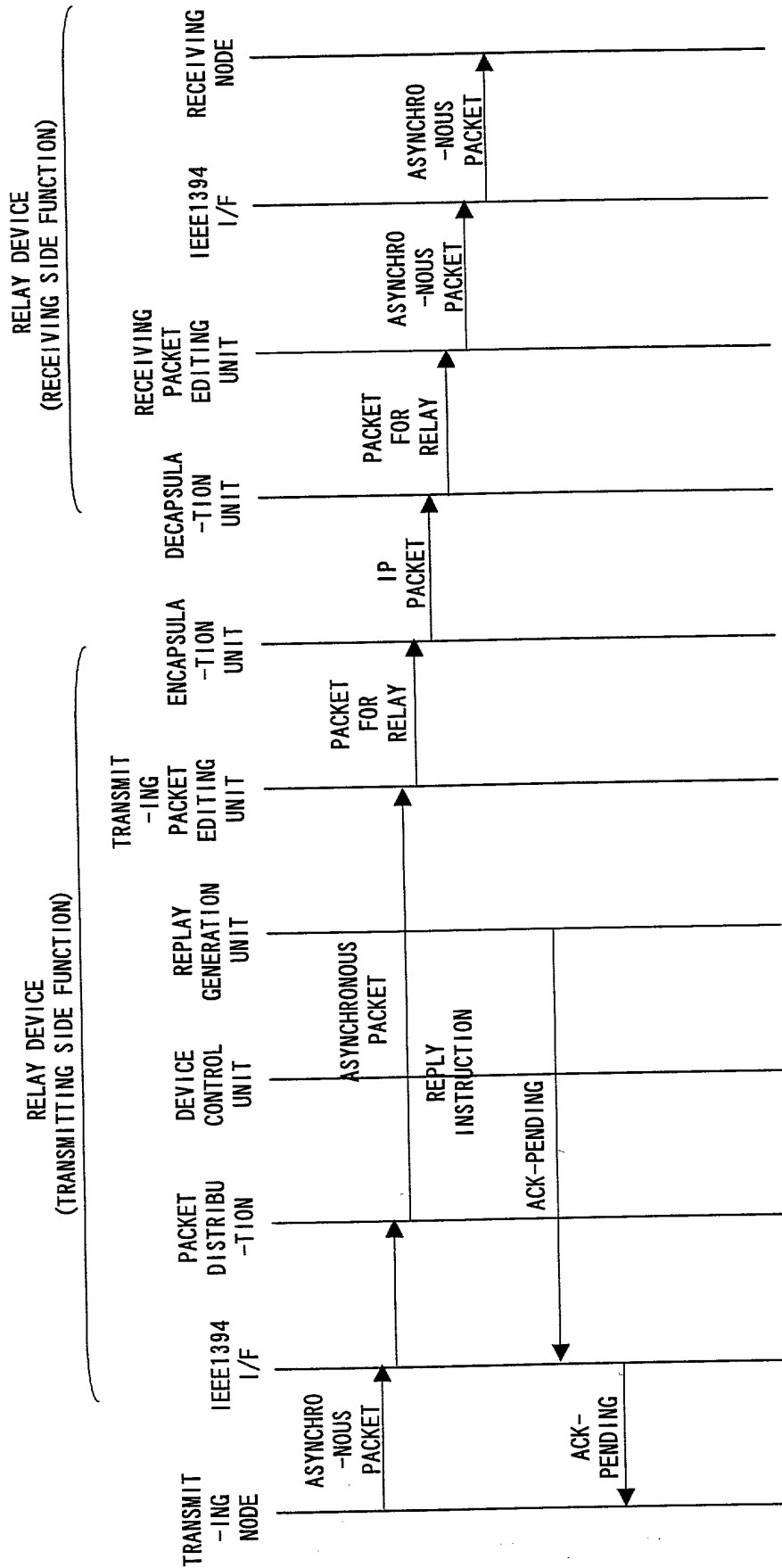


FIG. 43

FIG. 44A

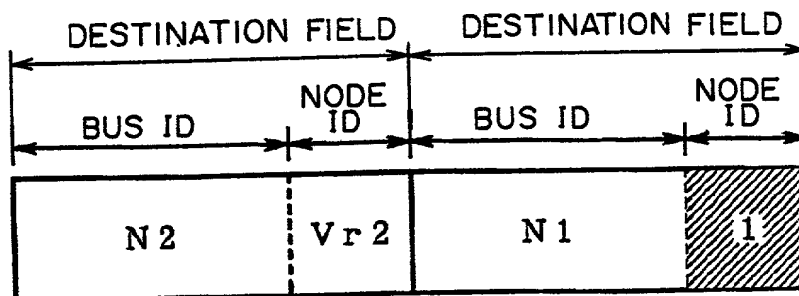


FIG. 44B

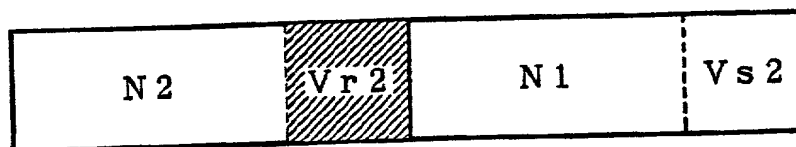
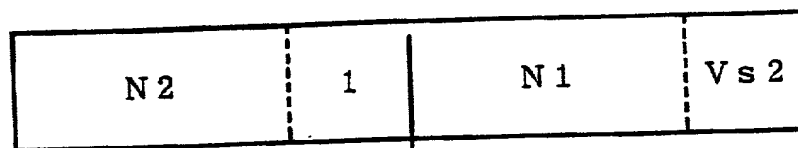


FIG. 44C



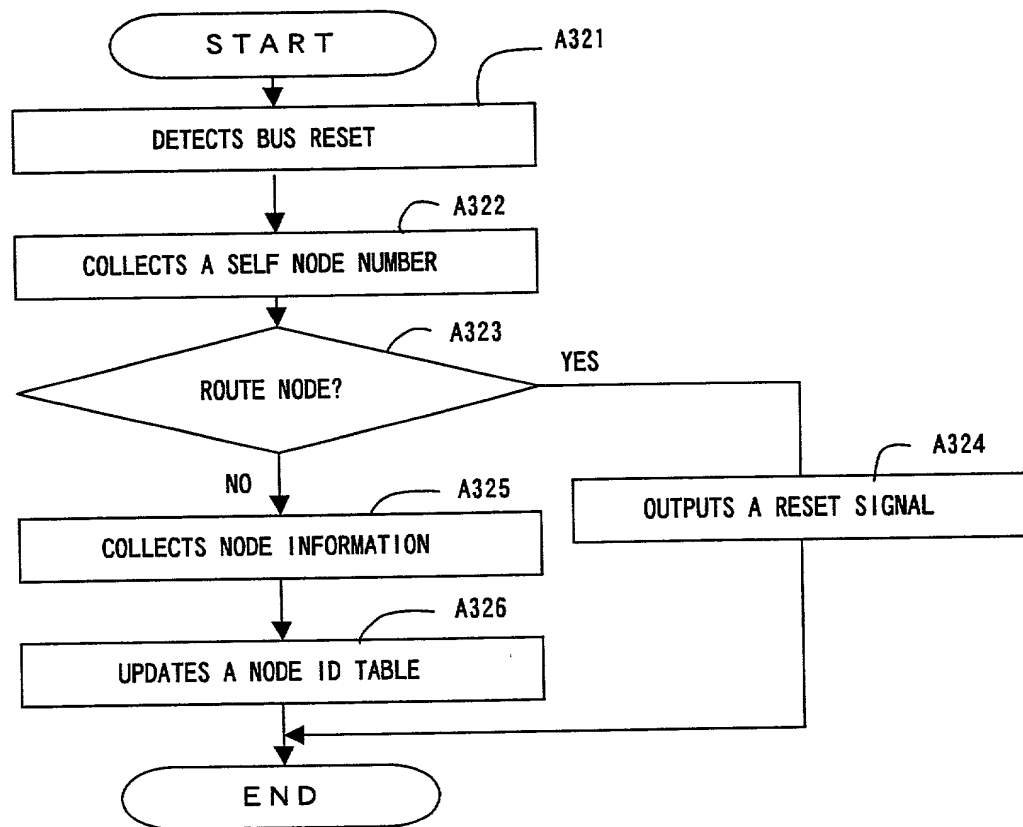
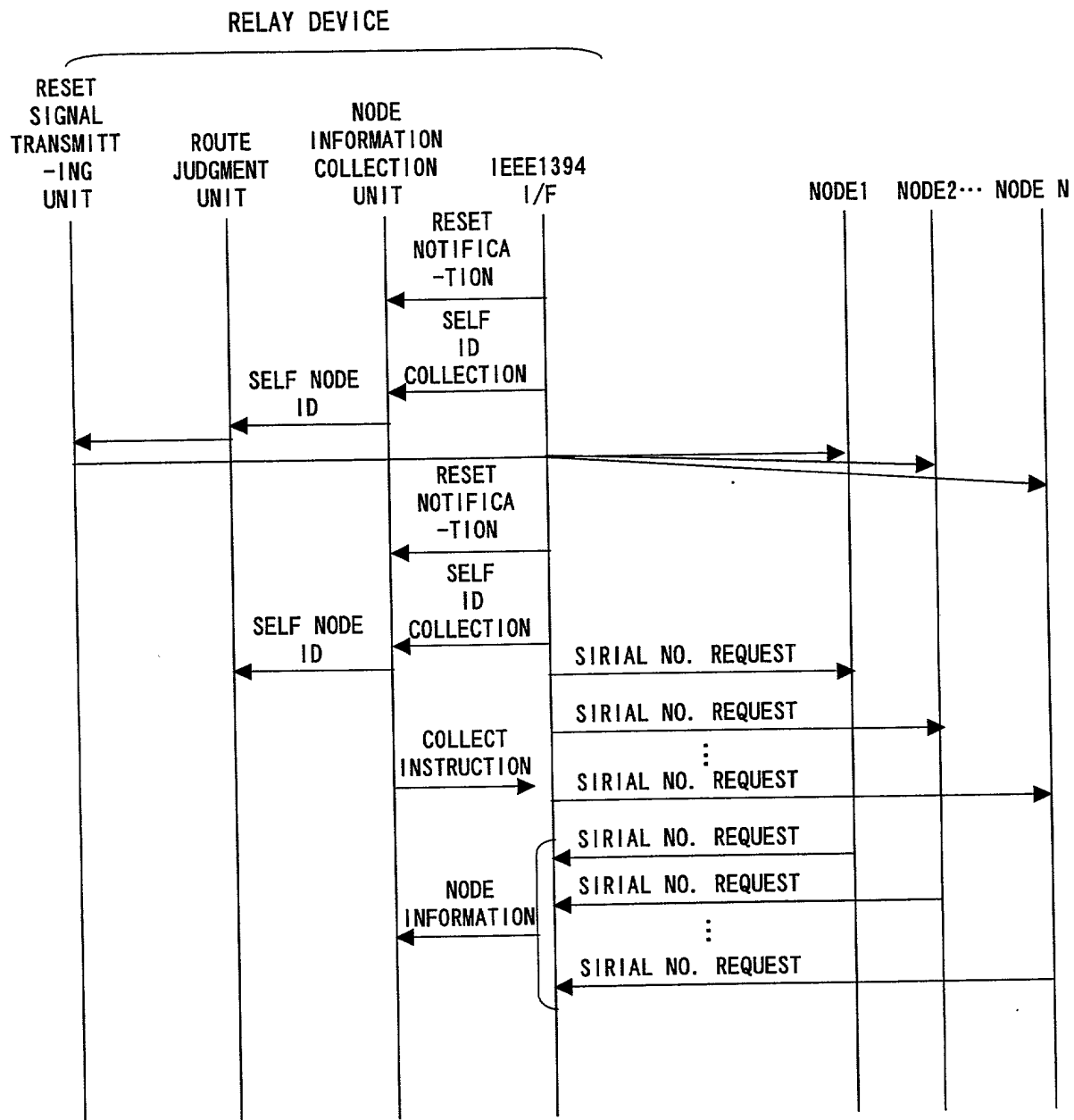


FIG. 45



F I G . 4 6

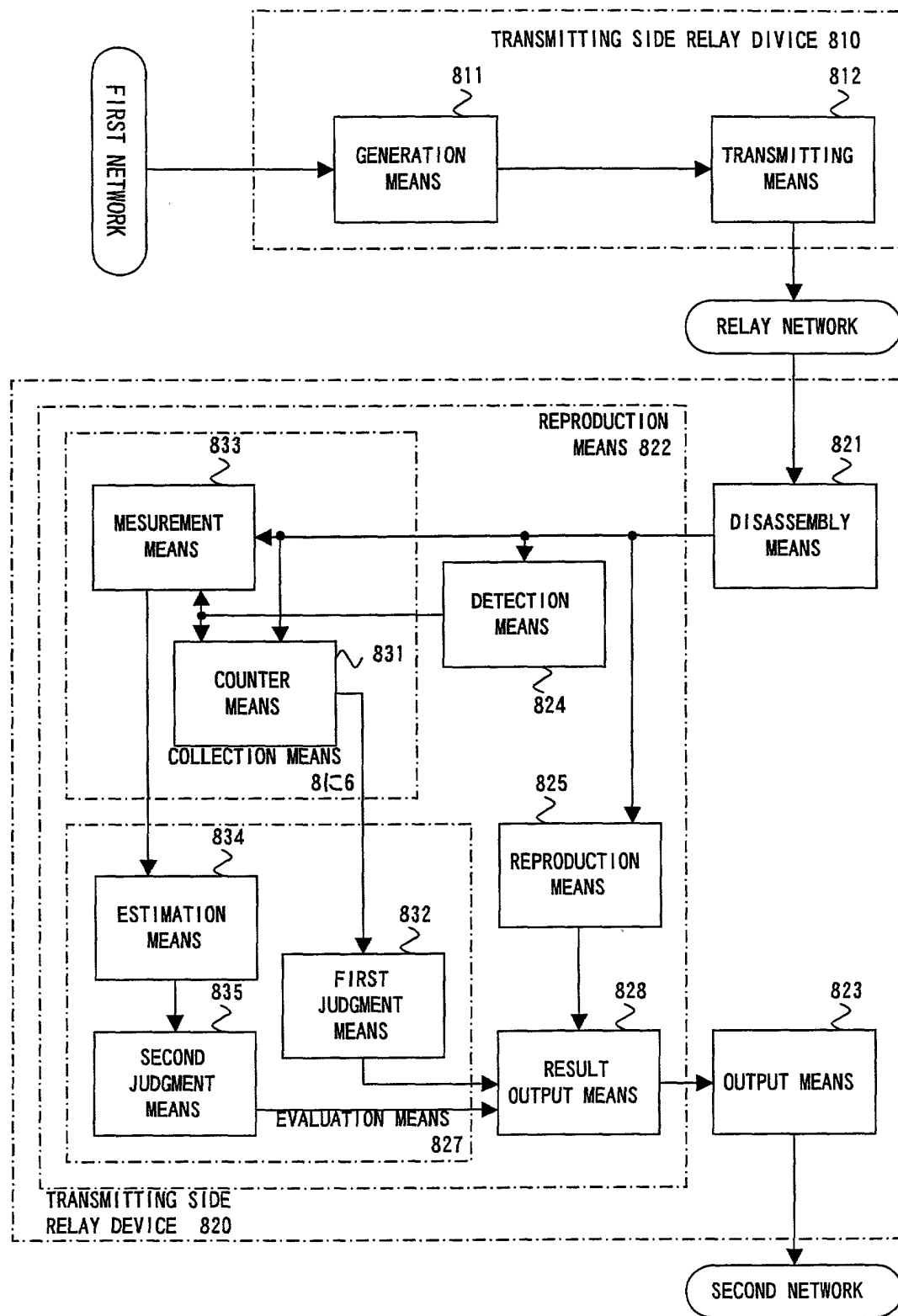


FIG. 47

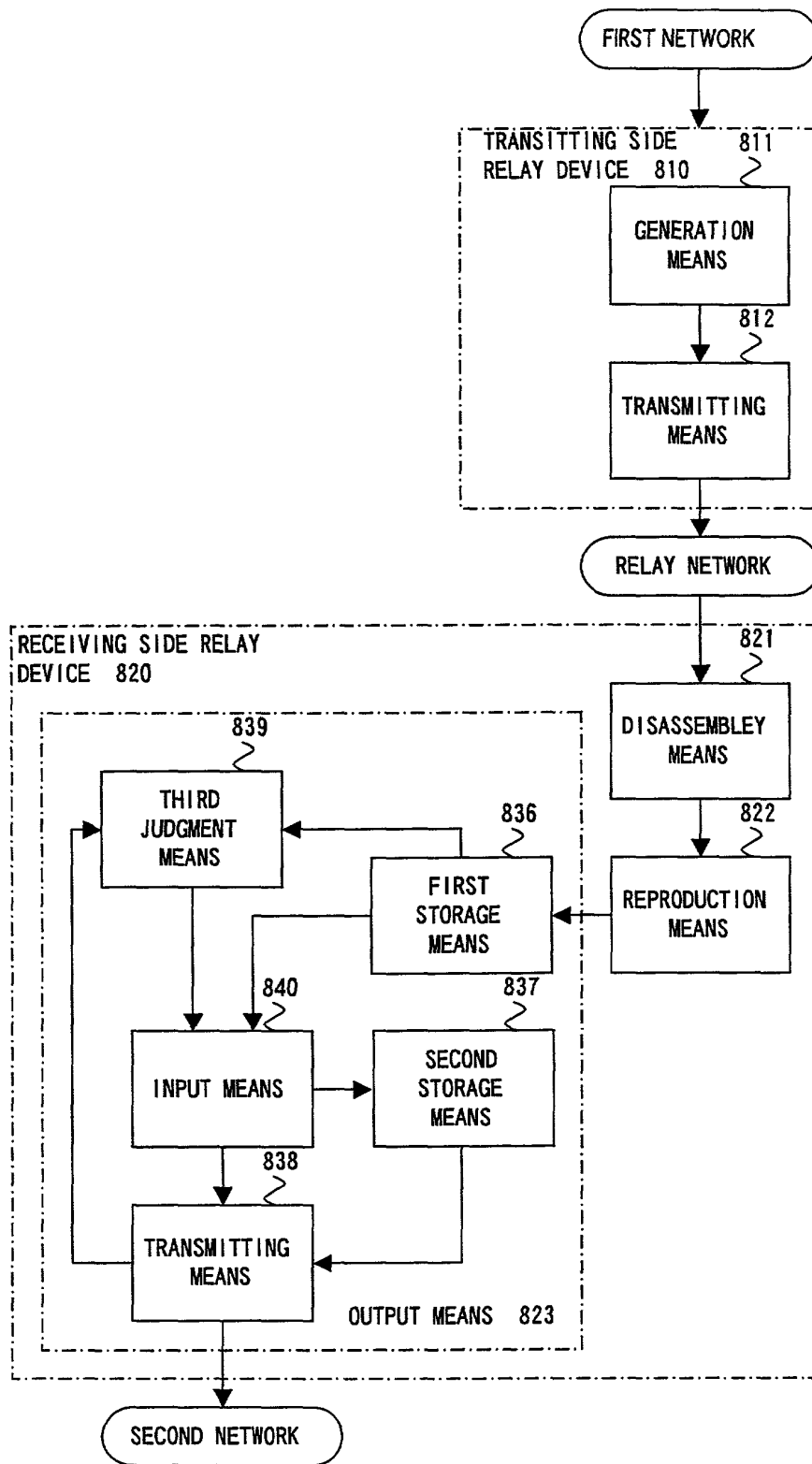


FIG. 48

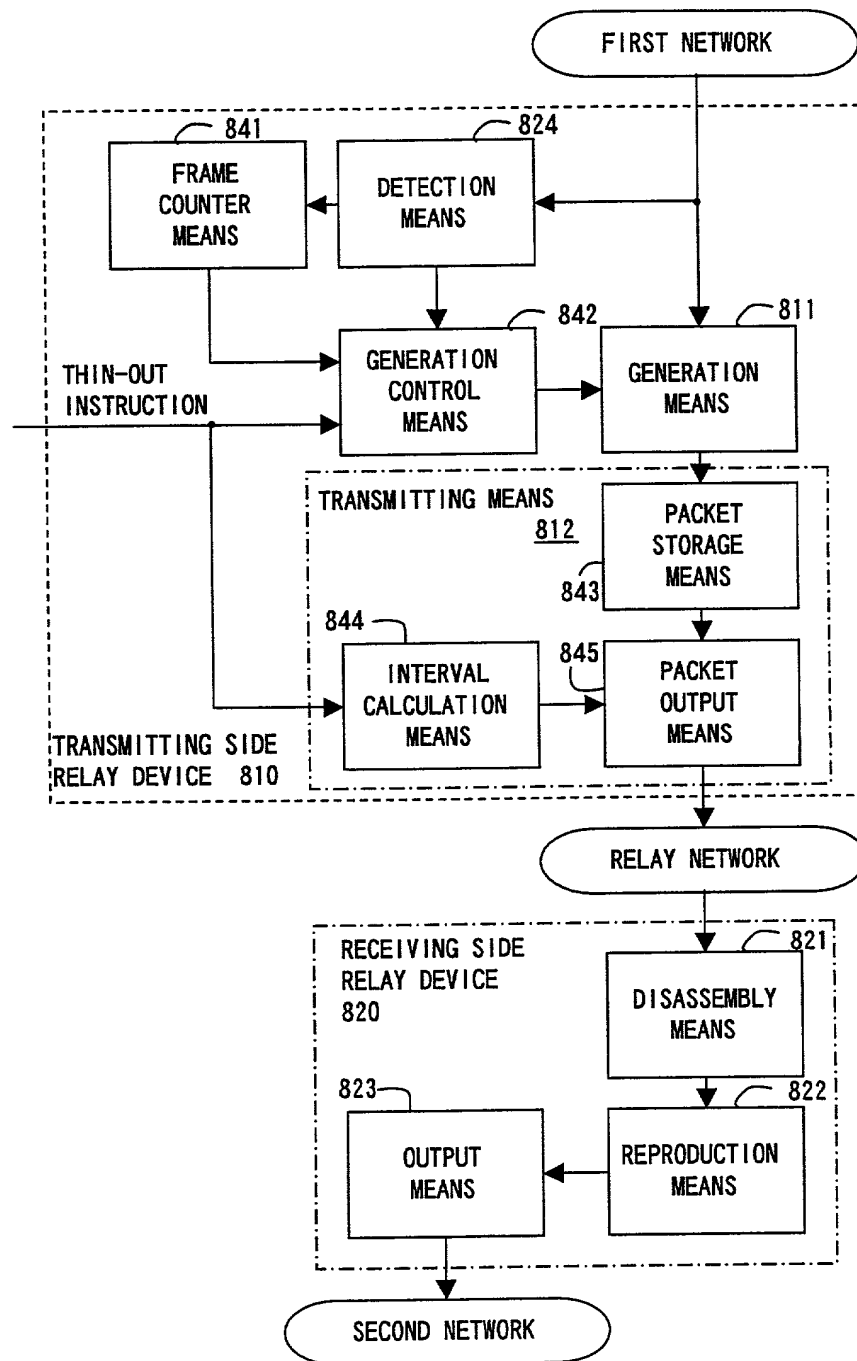


FIG. 49

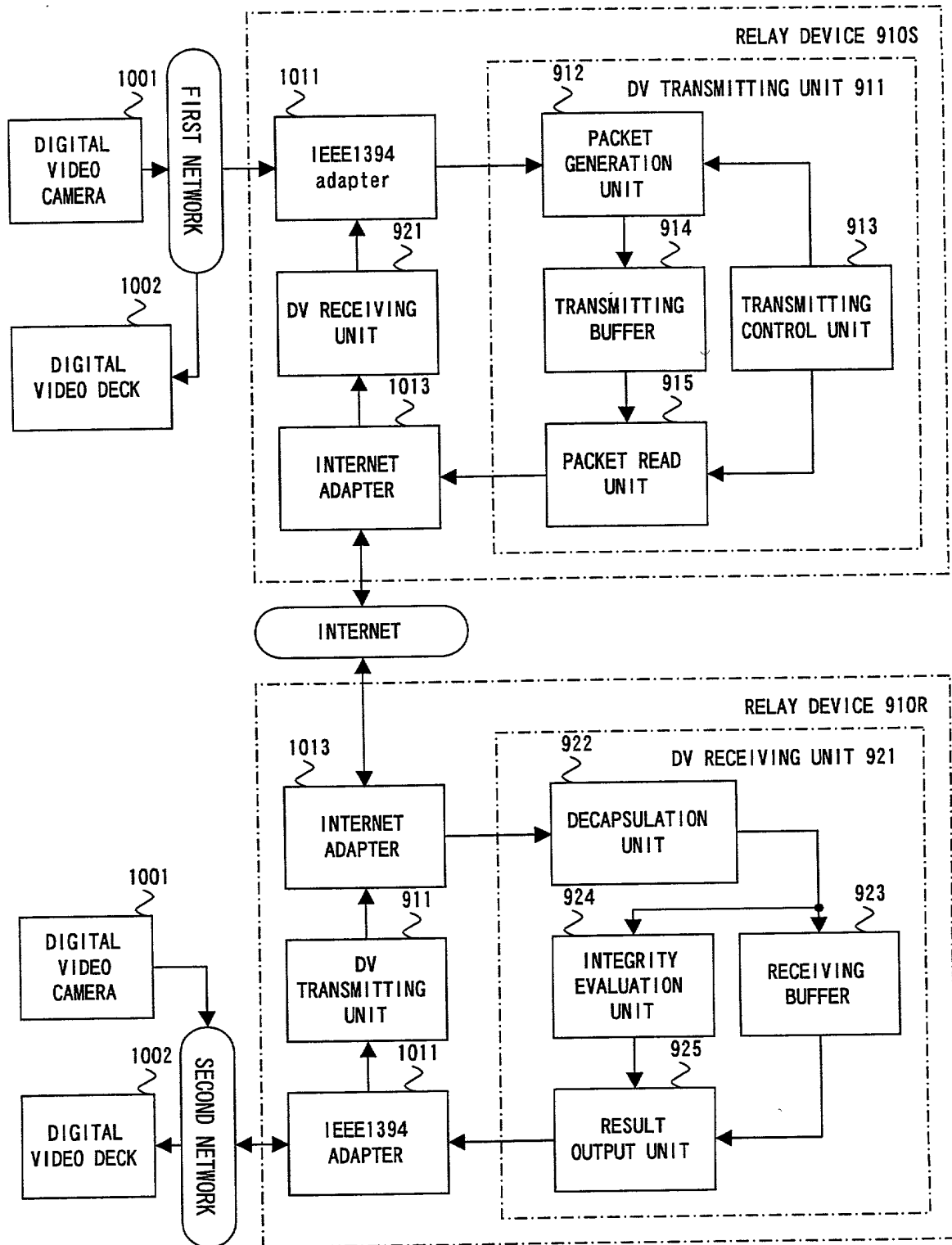


FIG. 50

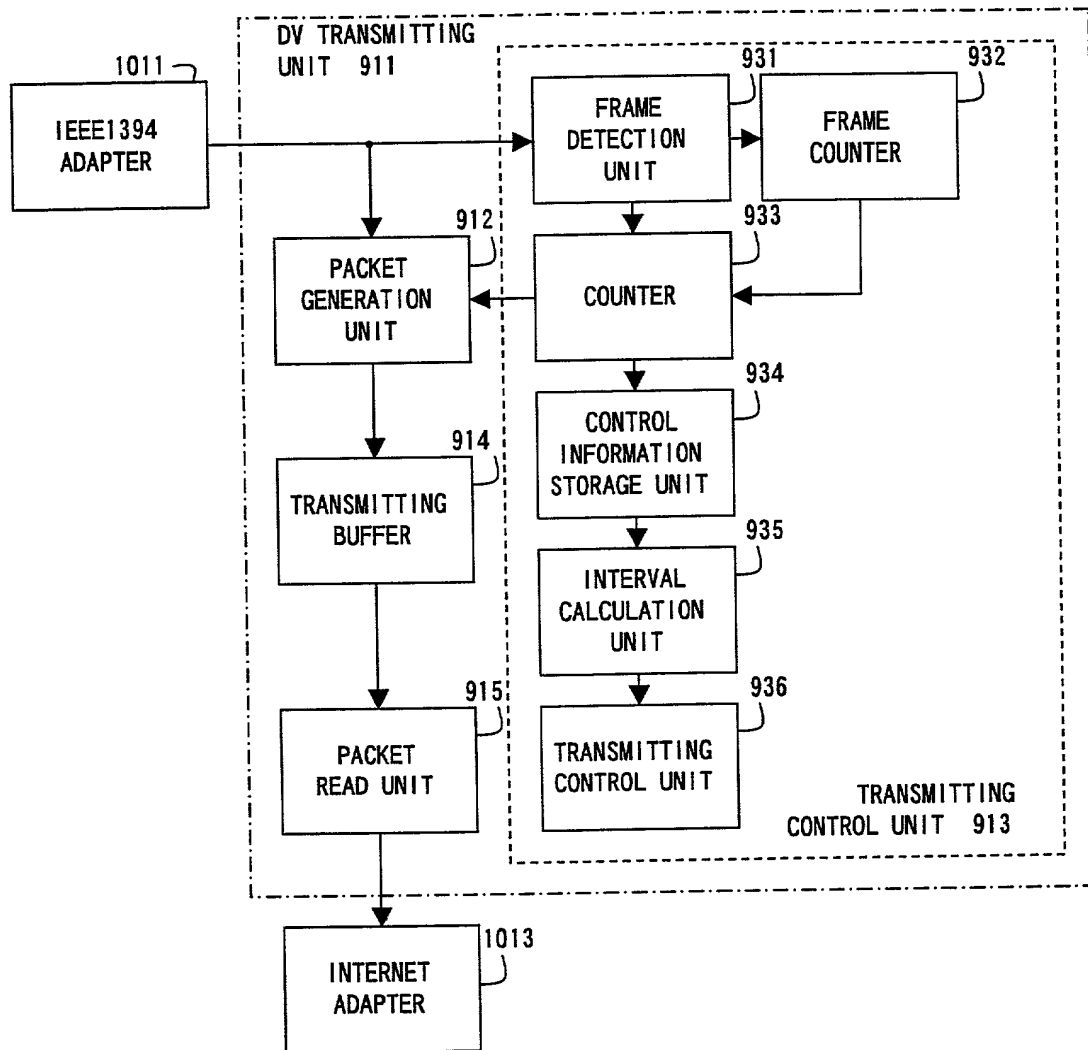


FIG. 51

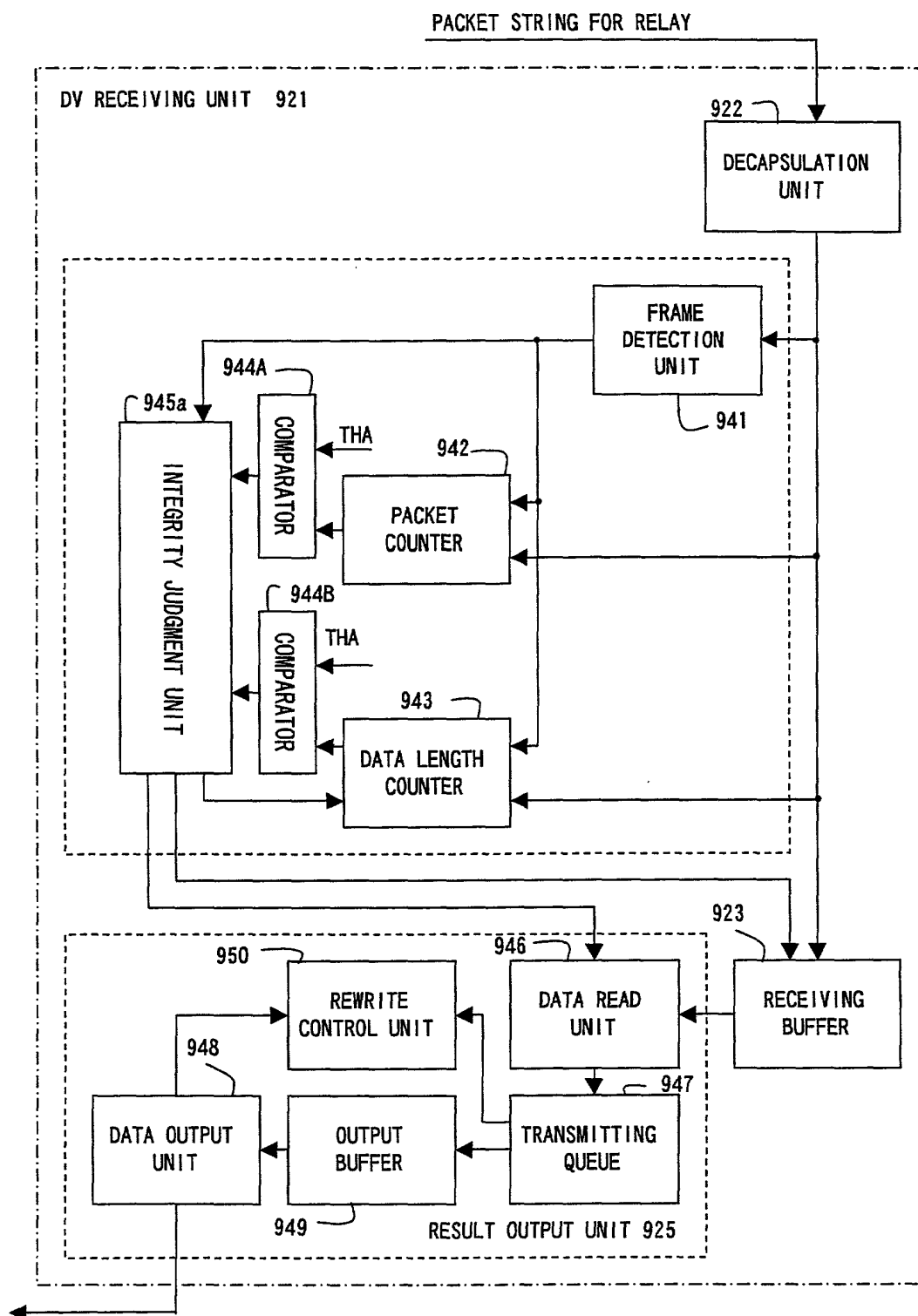


FIG. 52

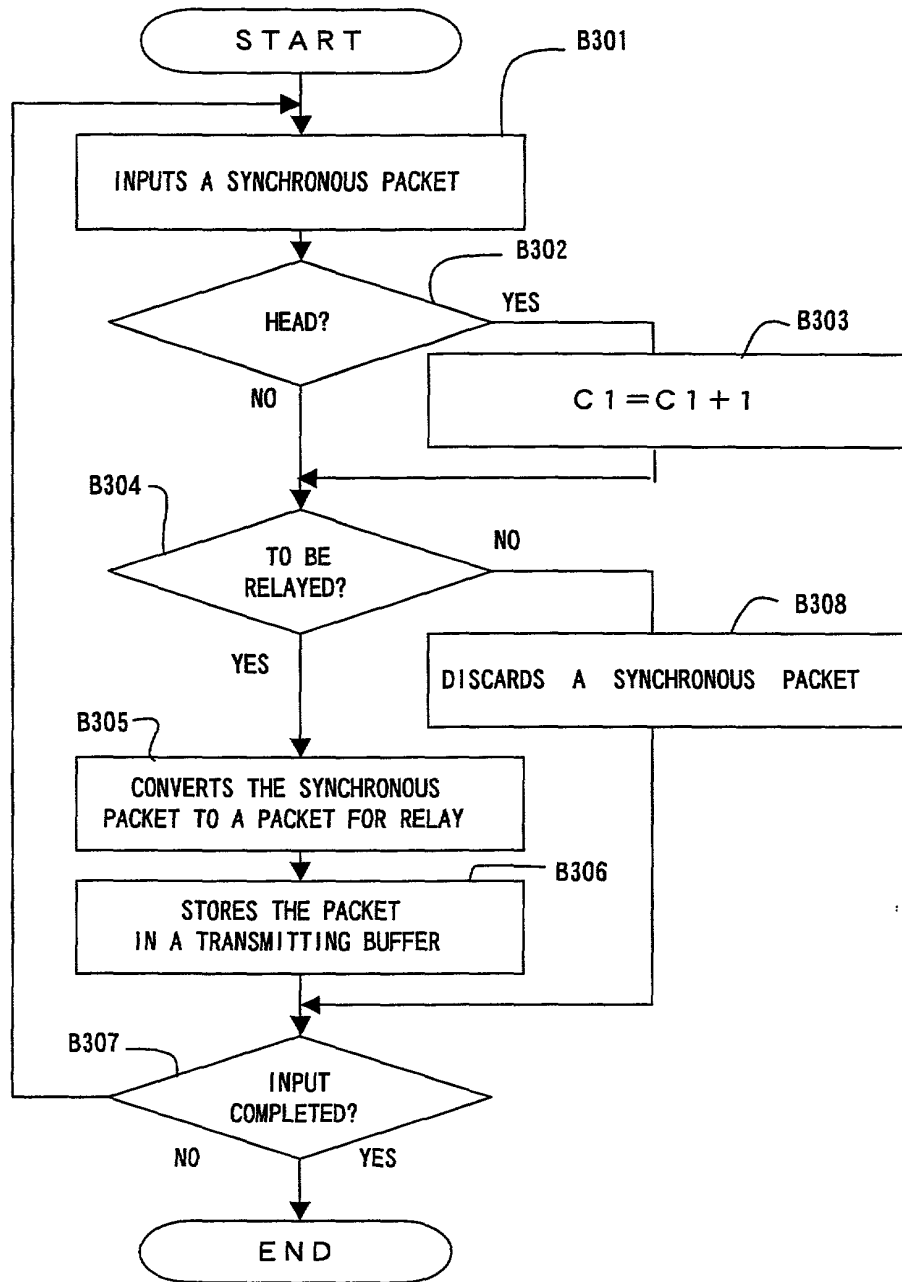


FIG. 53A

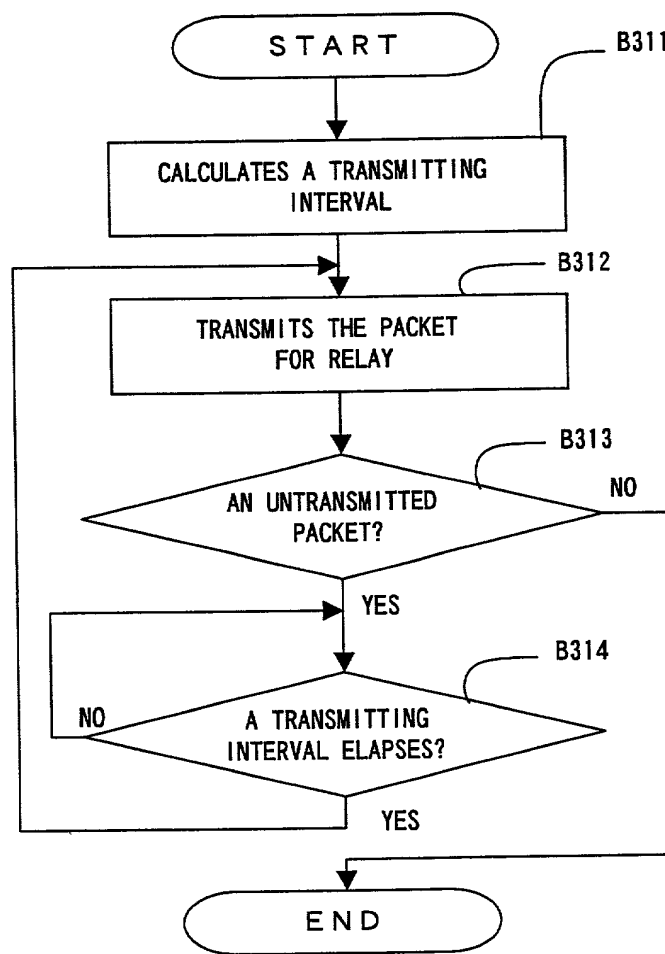


FIG. 53B

FIG. 54A

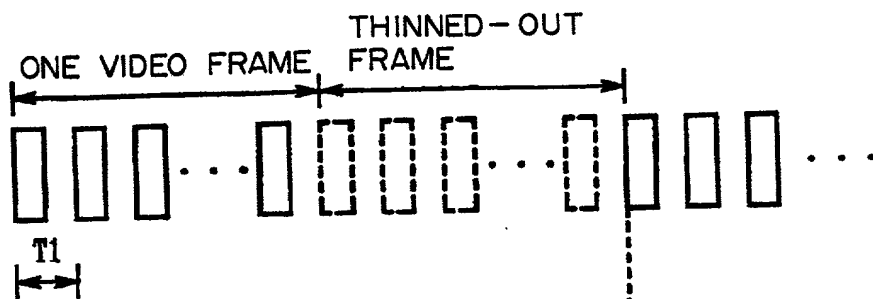
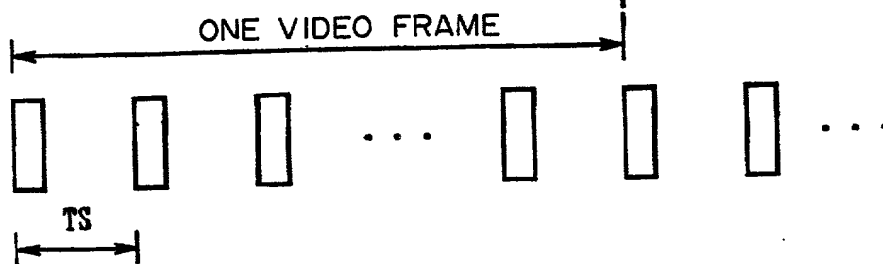


FIG. 54B



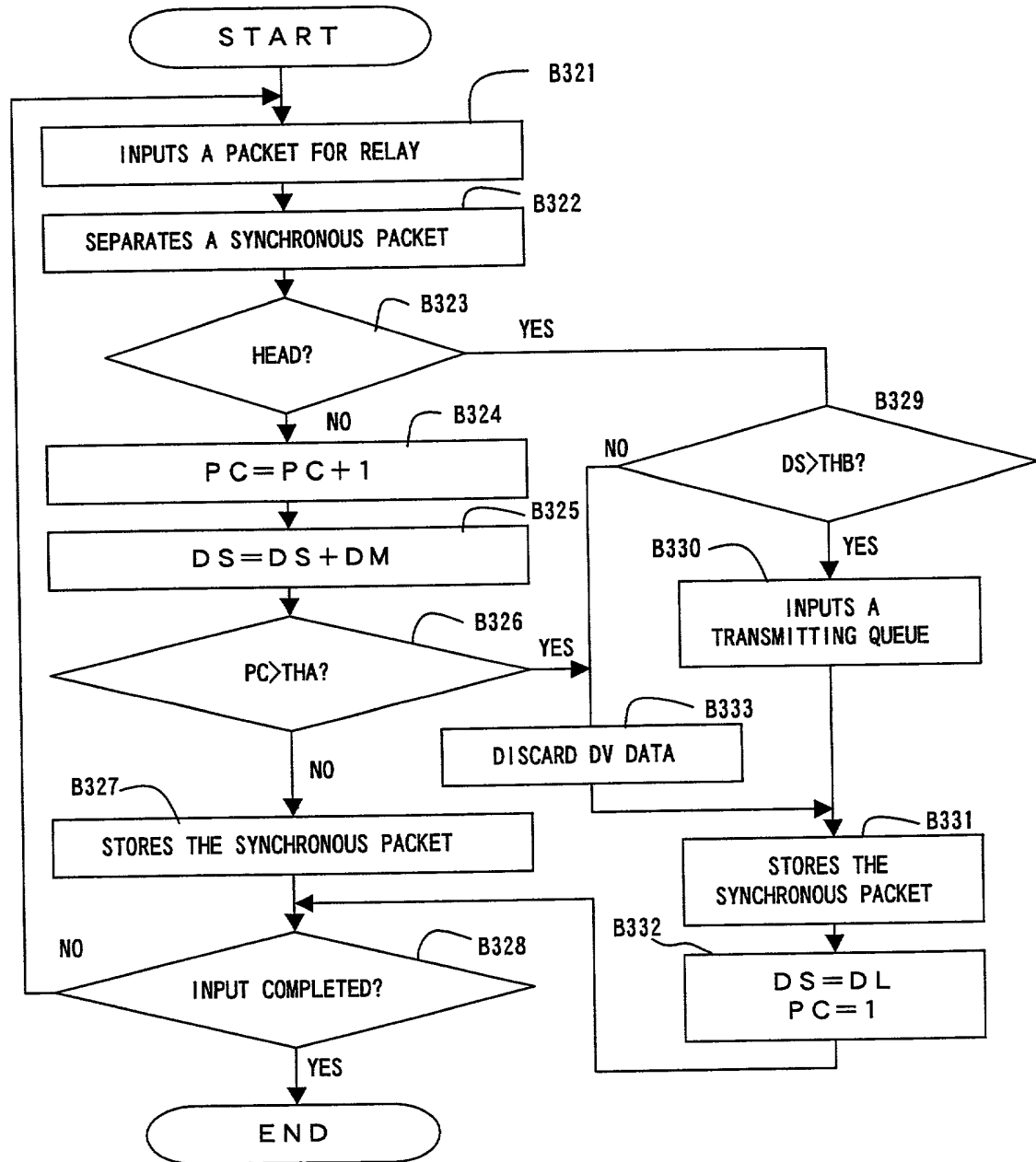


FIG. 55

FIG. 56A

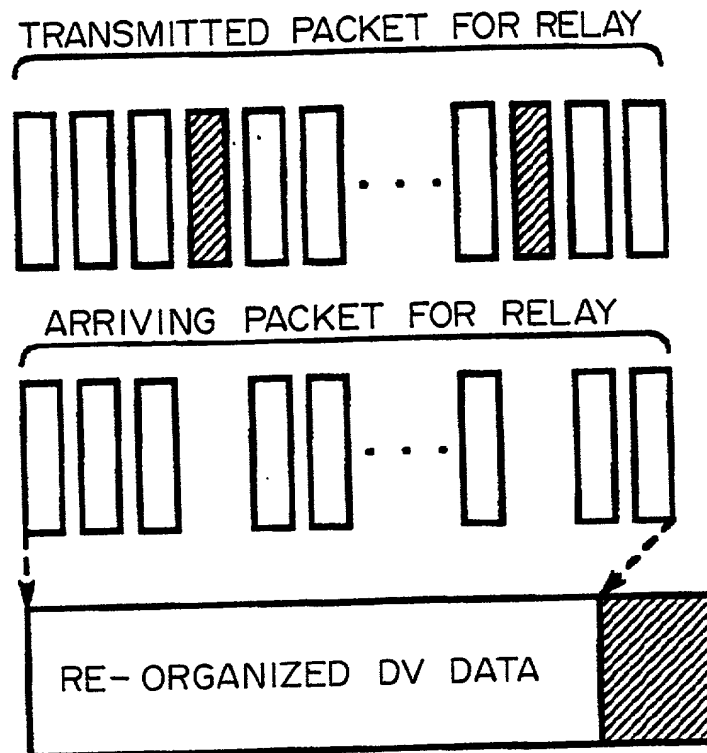
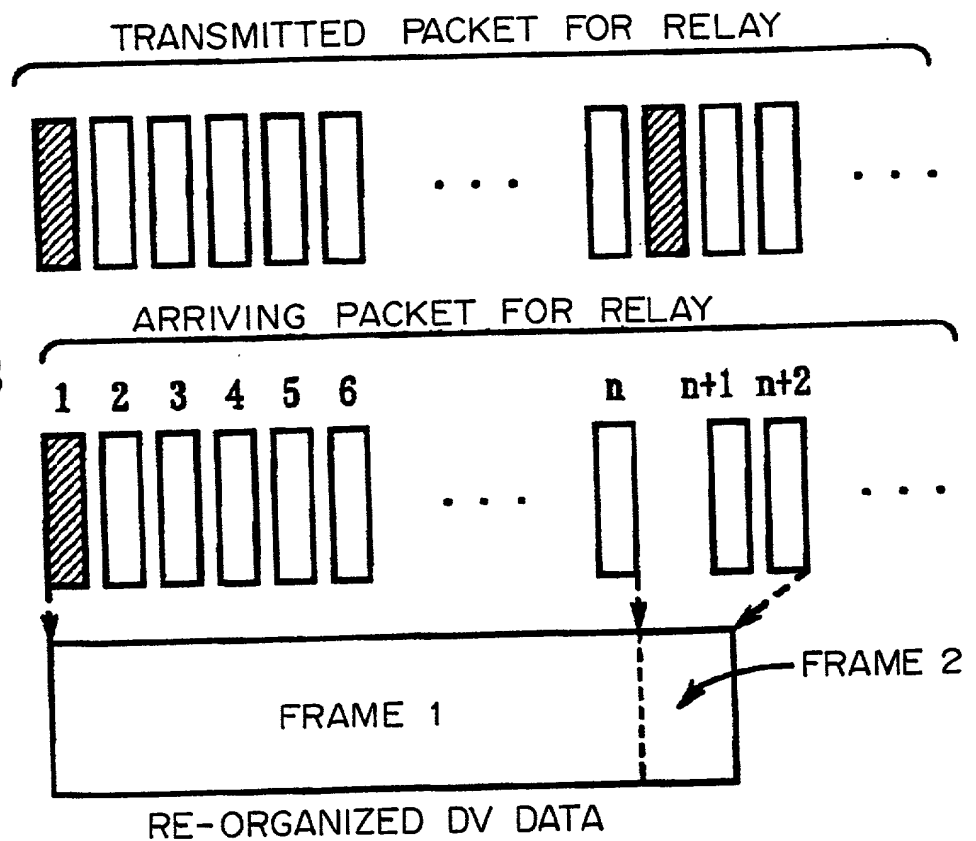


FIG. 56B



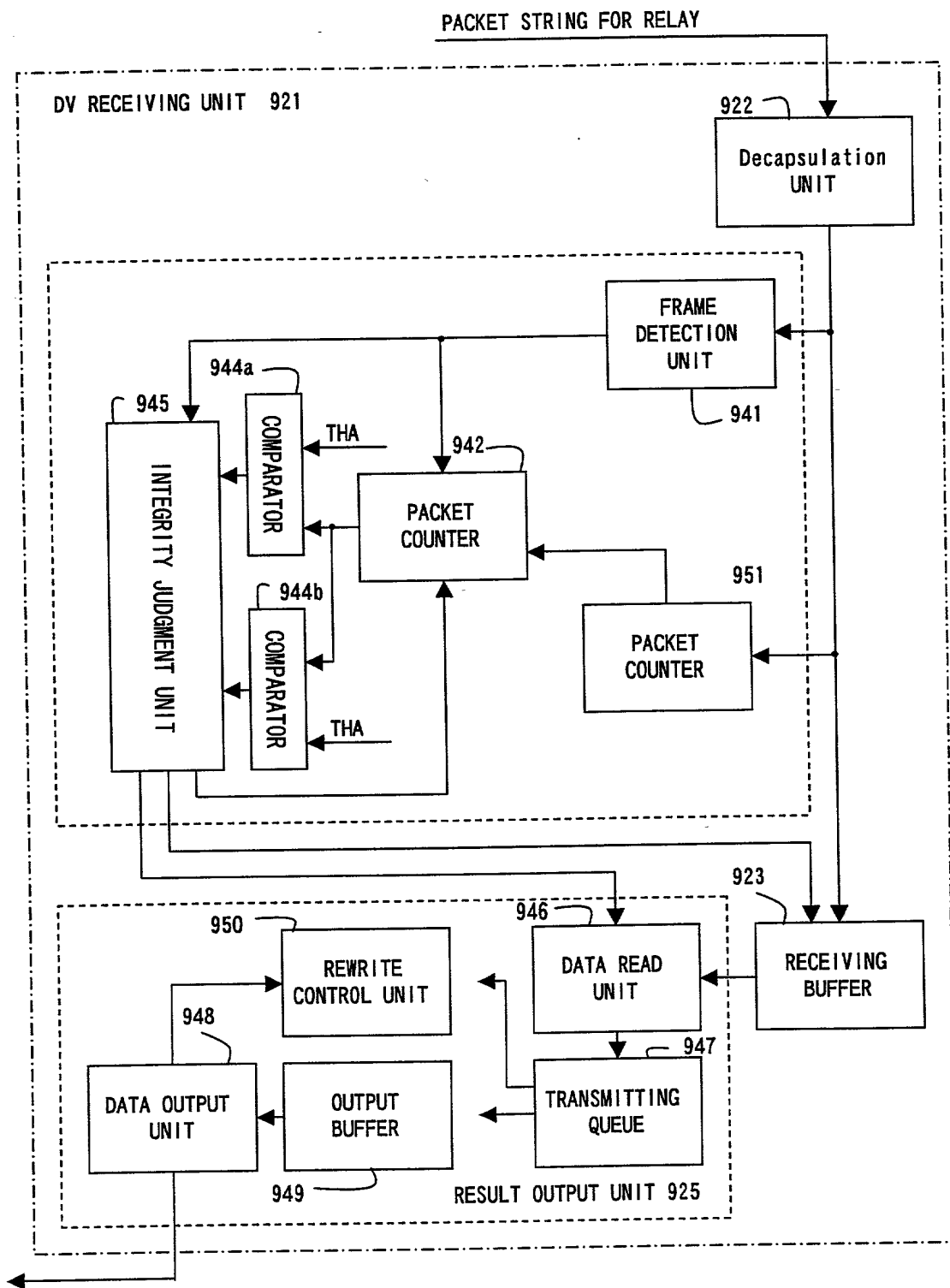


FIG. 57

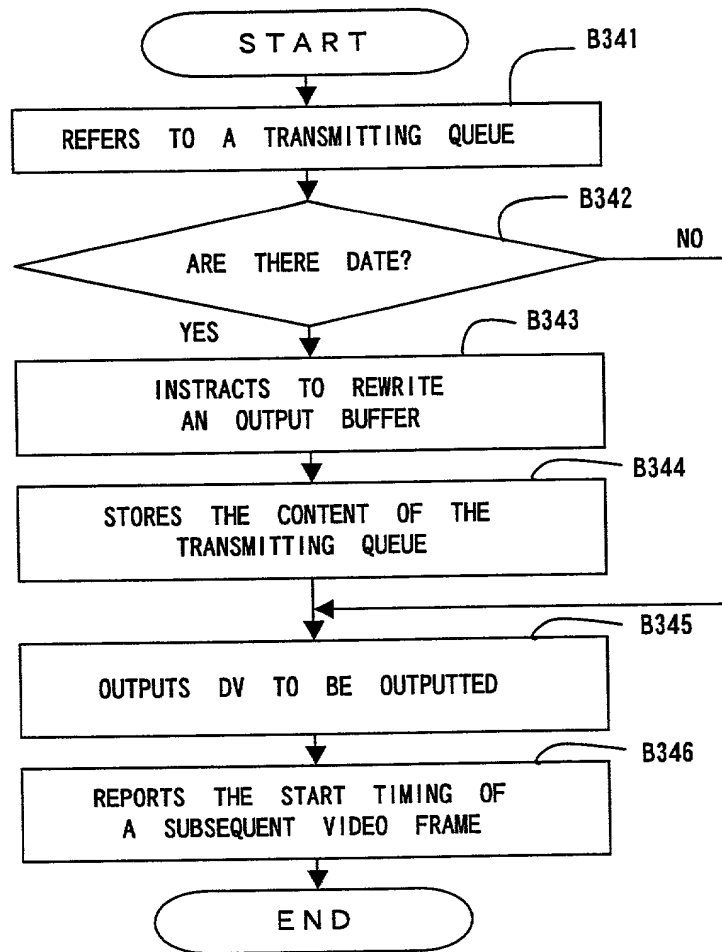


FIG. 58

FIG. 59A

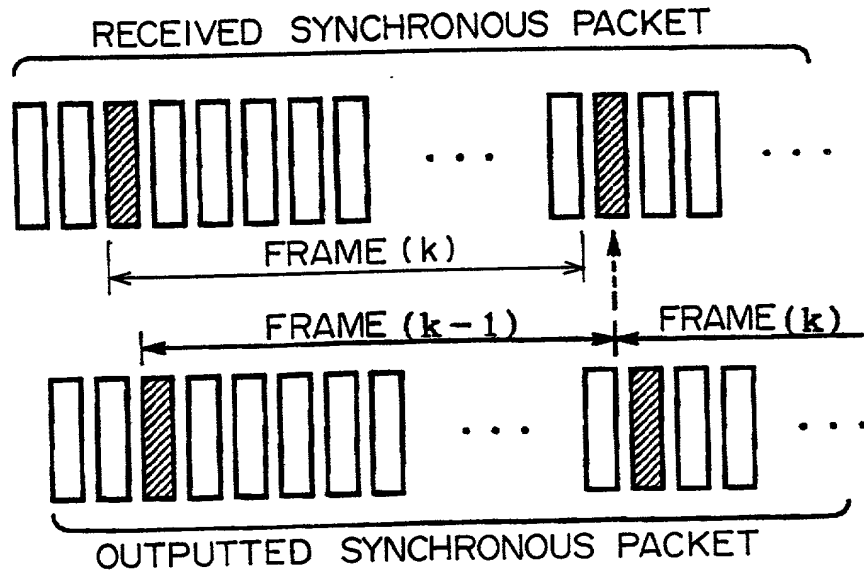
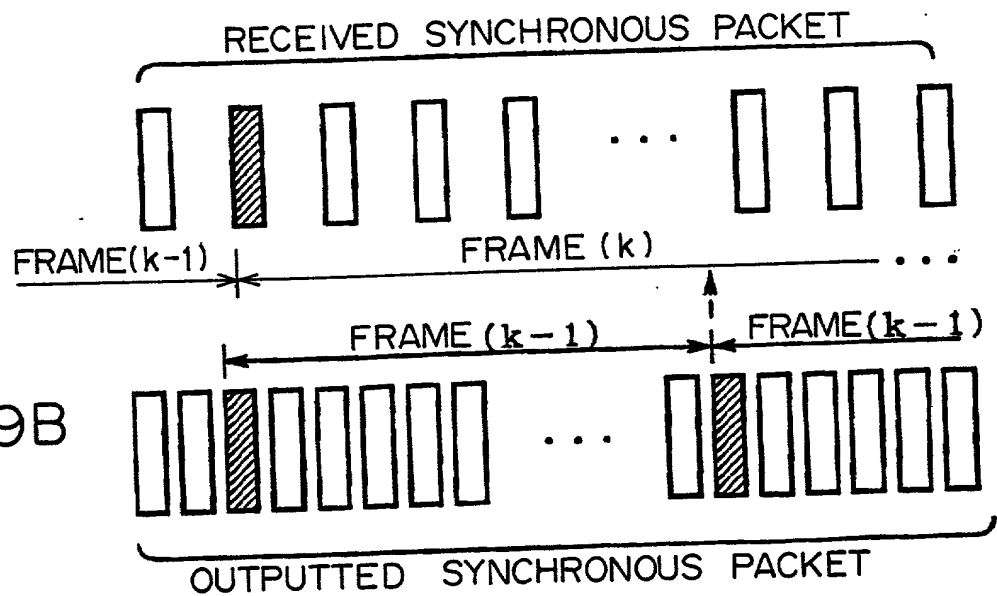


FIG. 59B



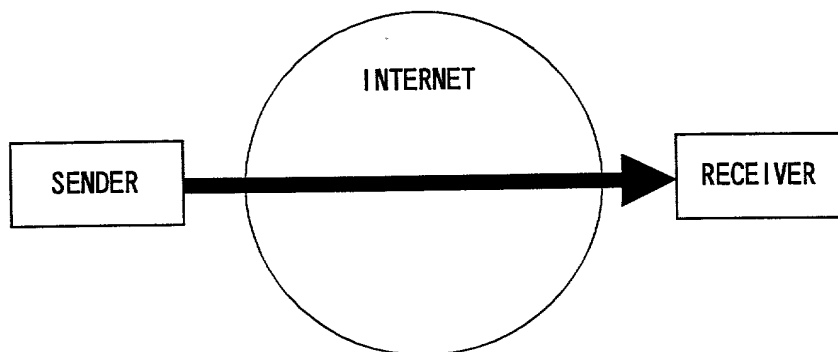


FIG. 60A

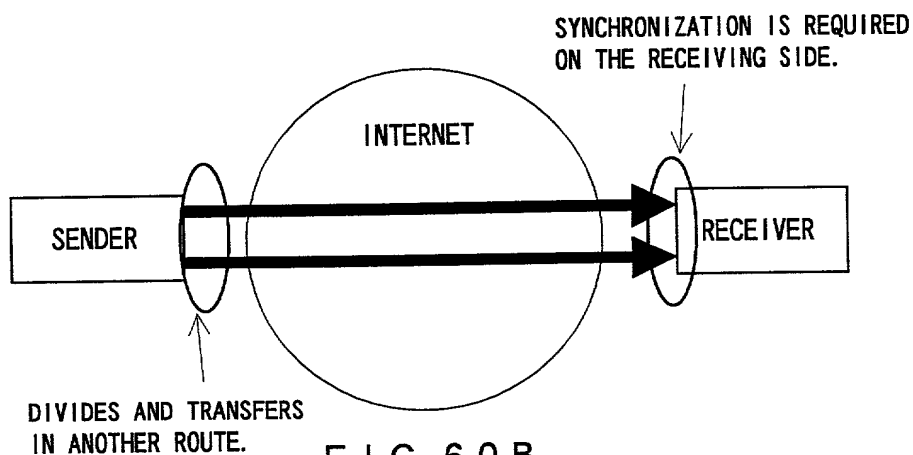


FIG. 60B

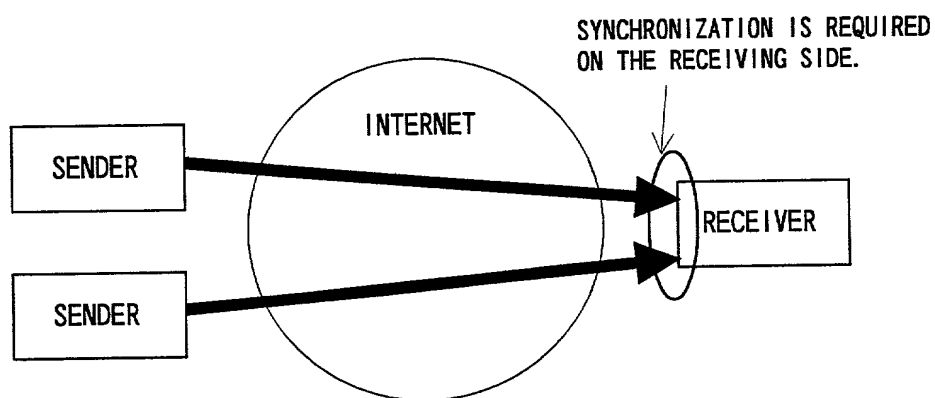


FIG. 60C

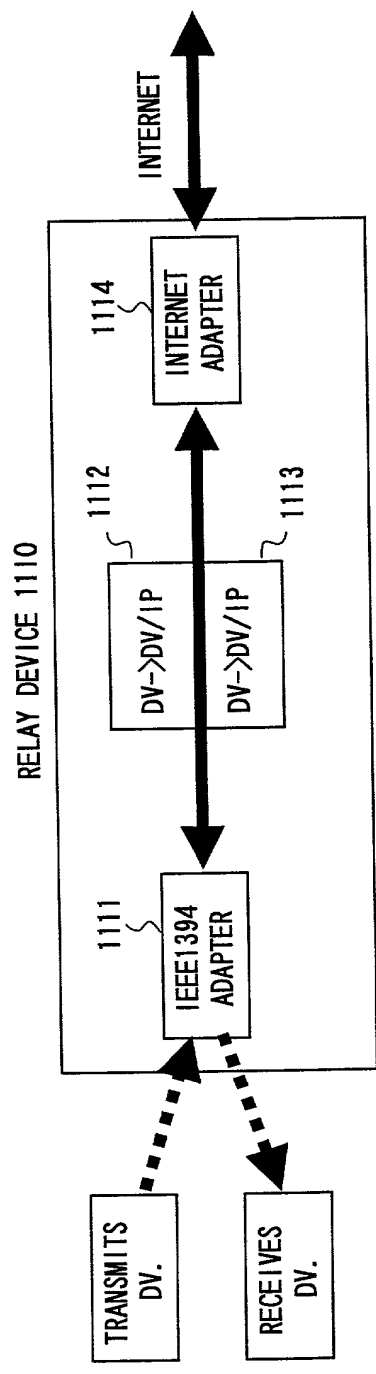


FIG. 61

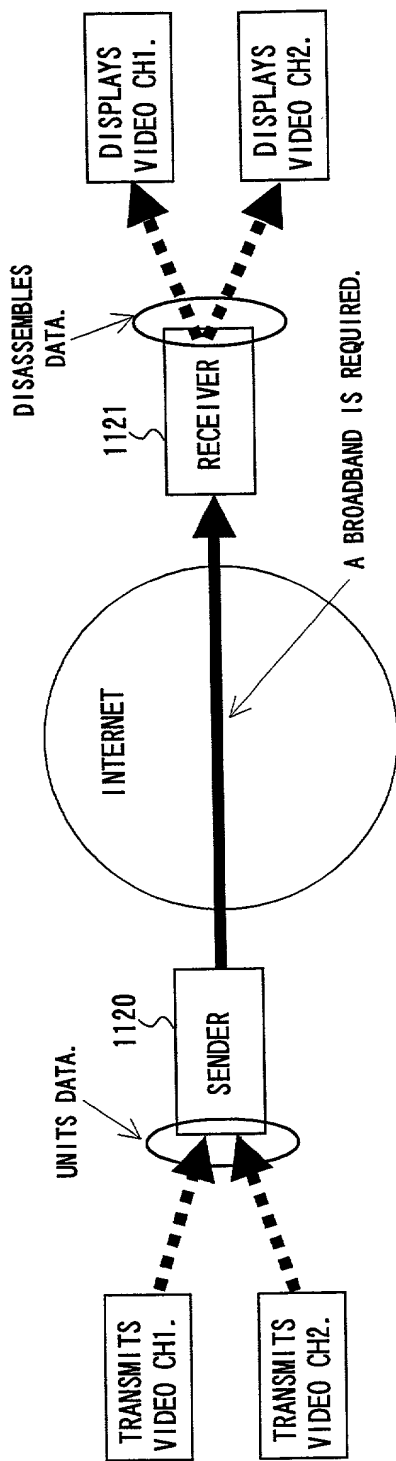


FIG. 62

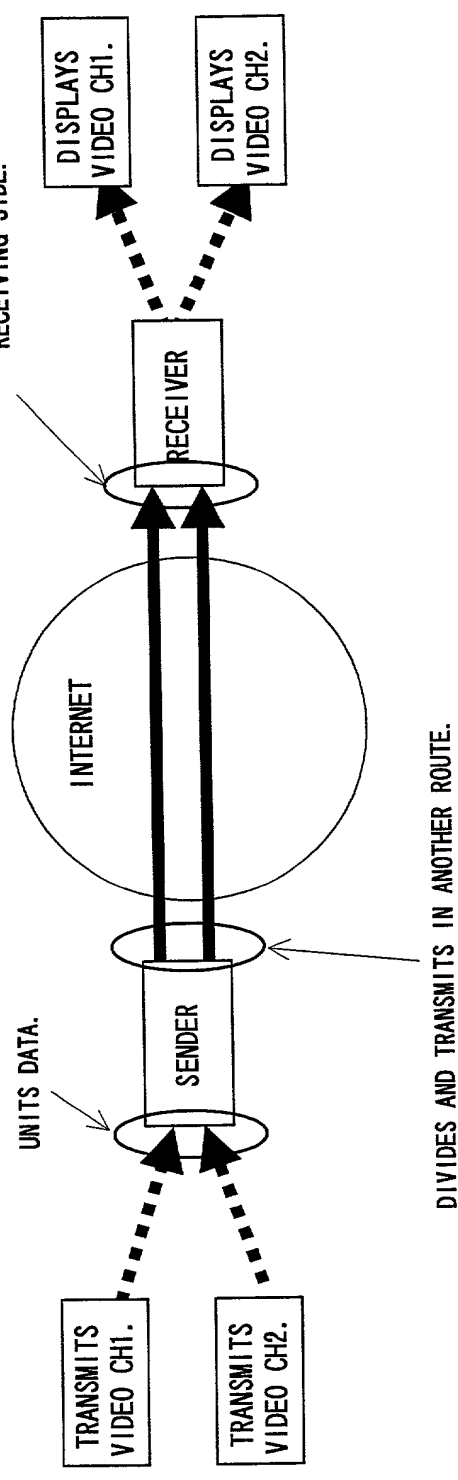


FIG. 63

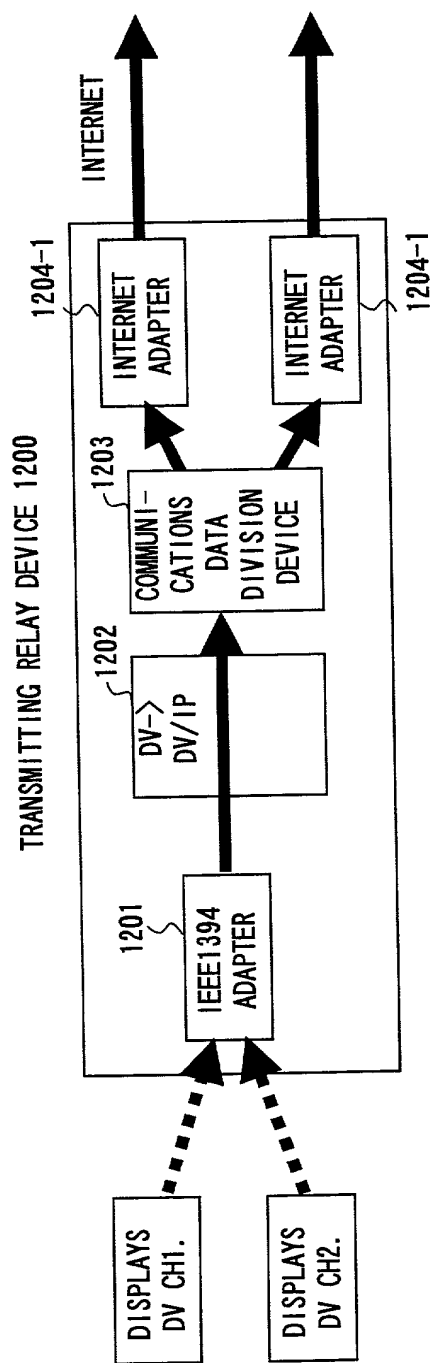


FIG. 64

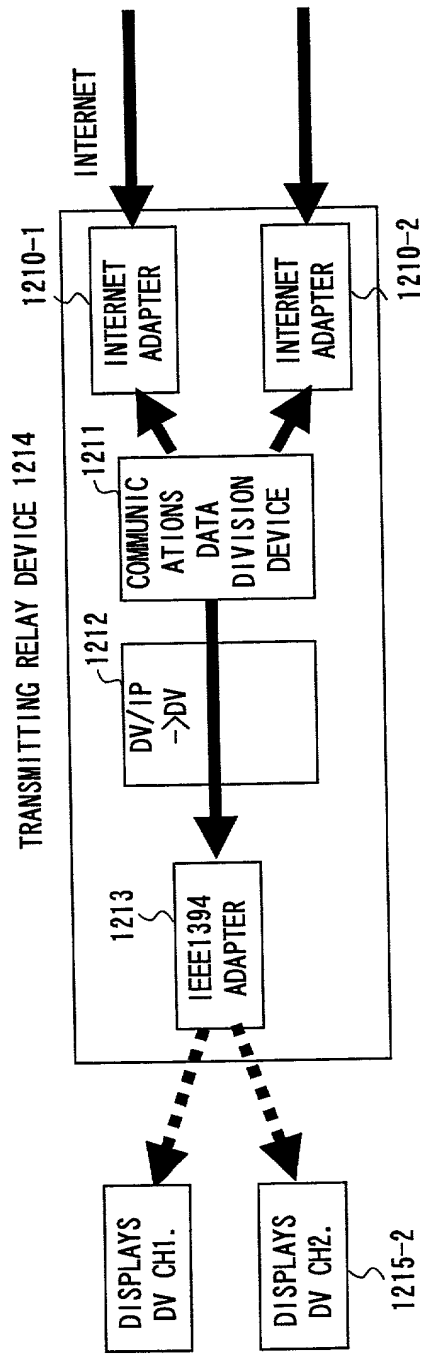


FIG. 65

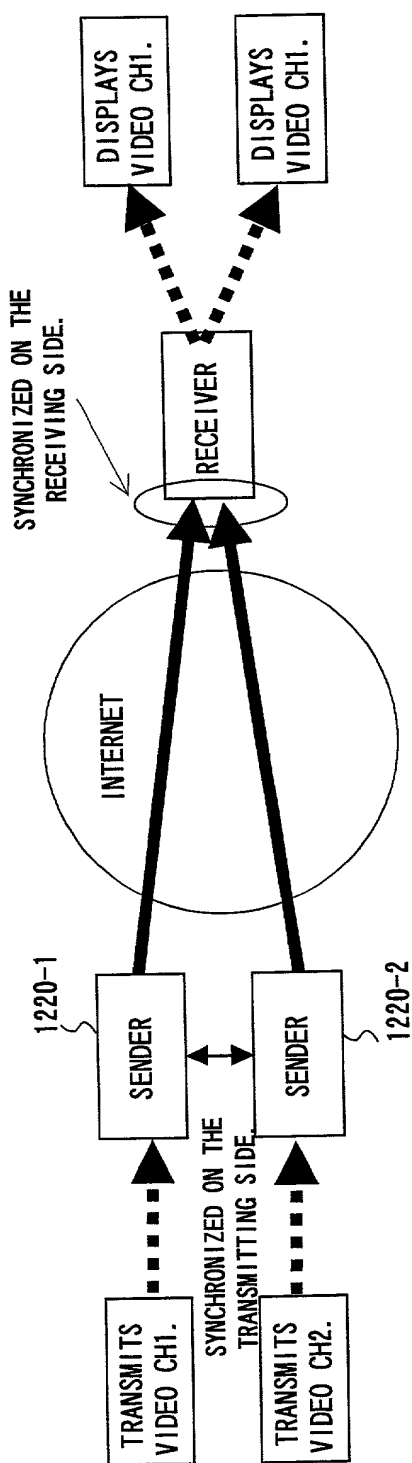


FIG. 66

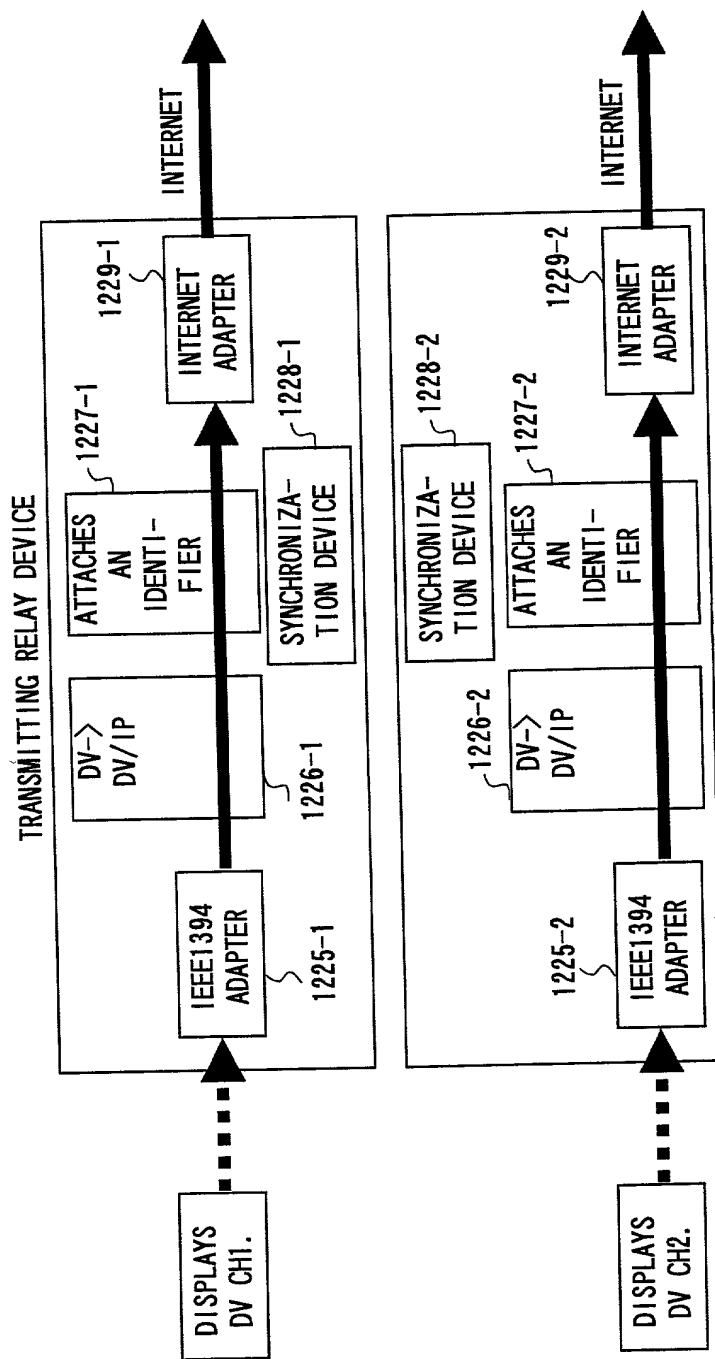


FIG. 67

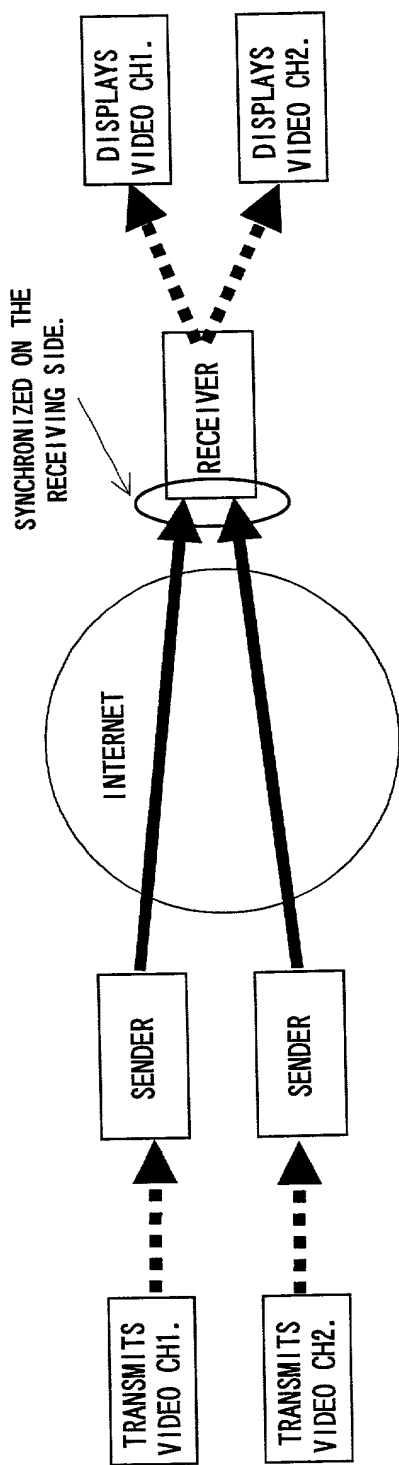


FIG. 68

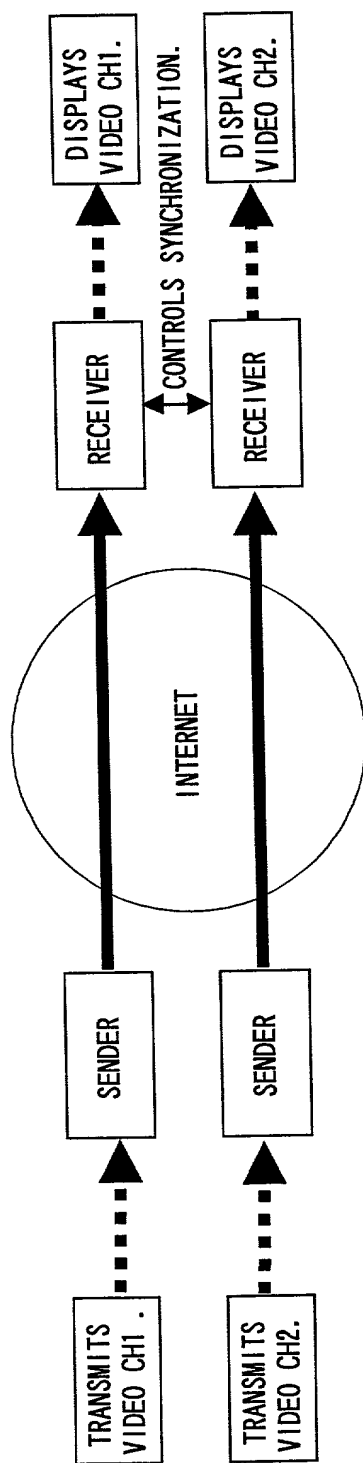
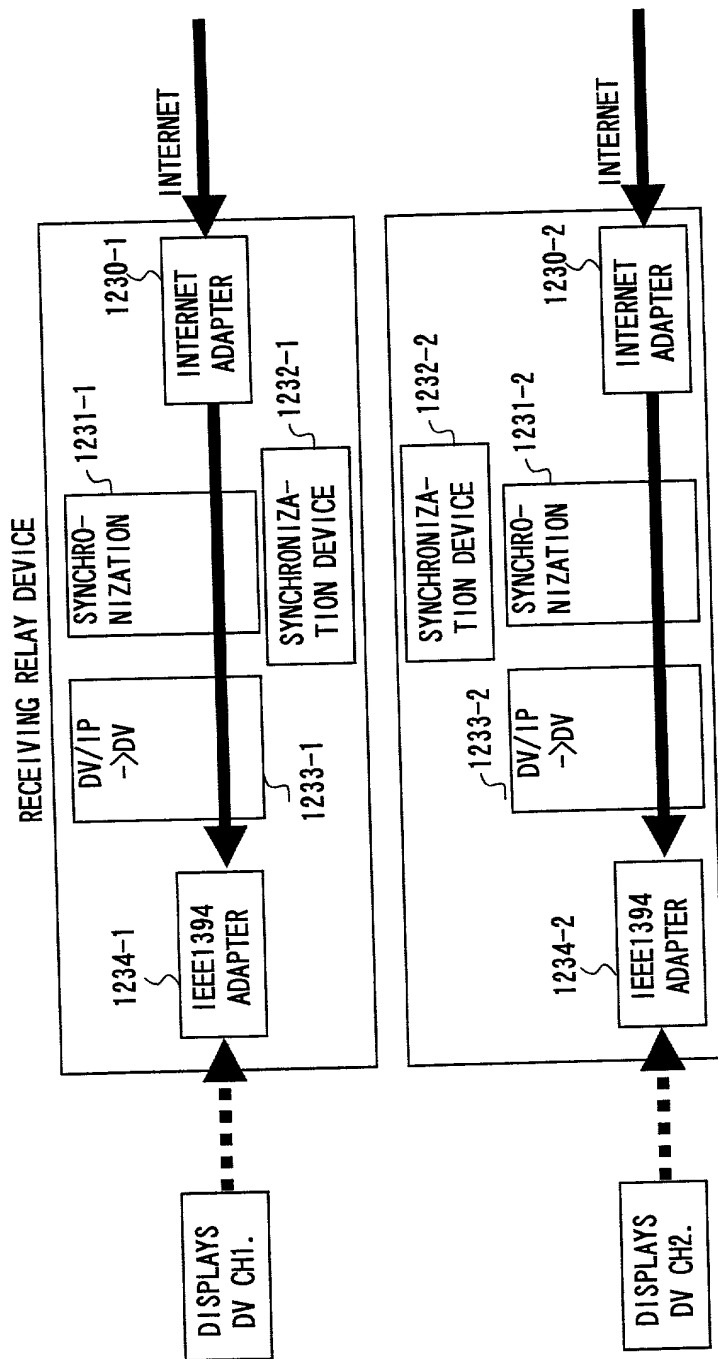


FIG. 69



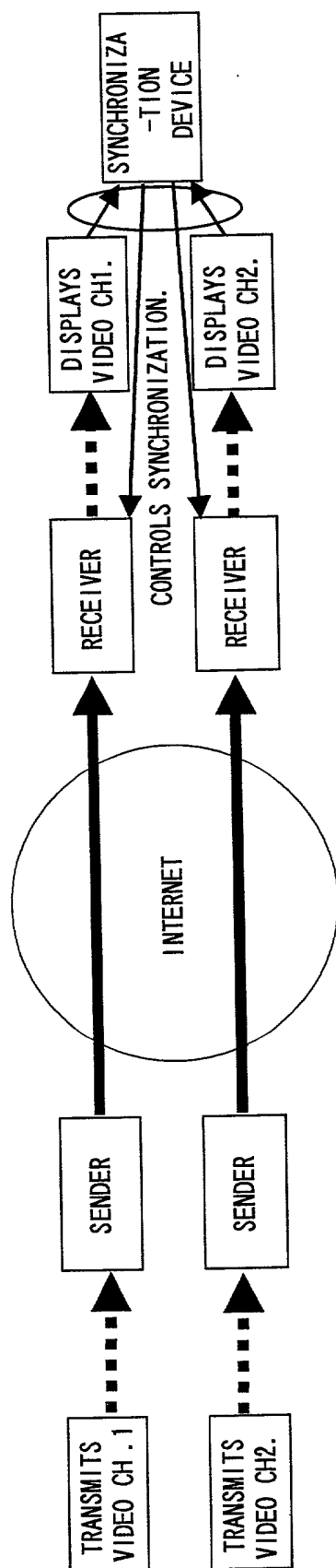


FIG. 71

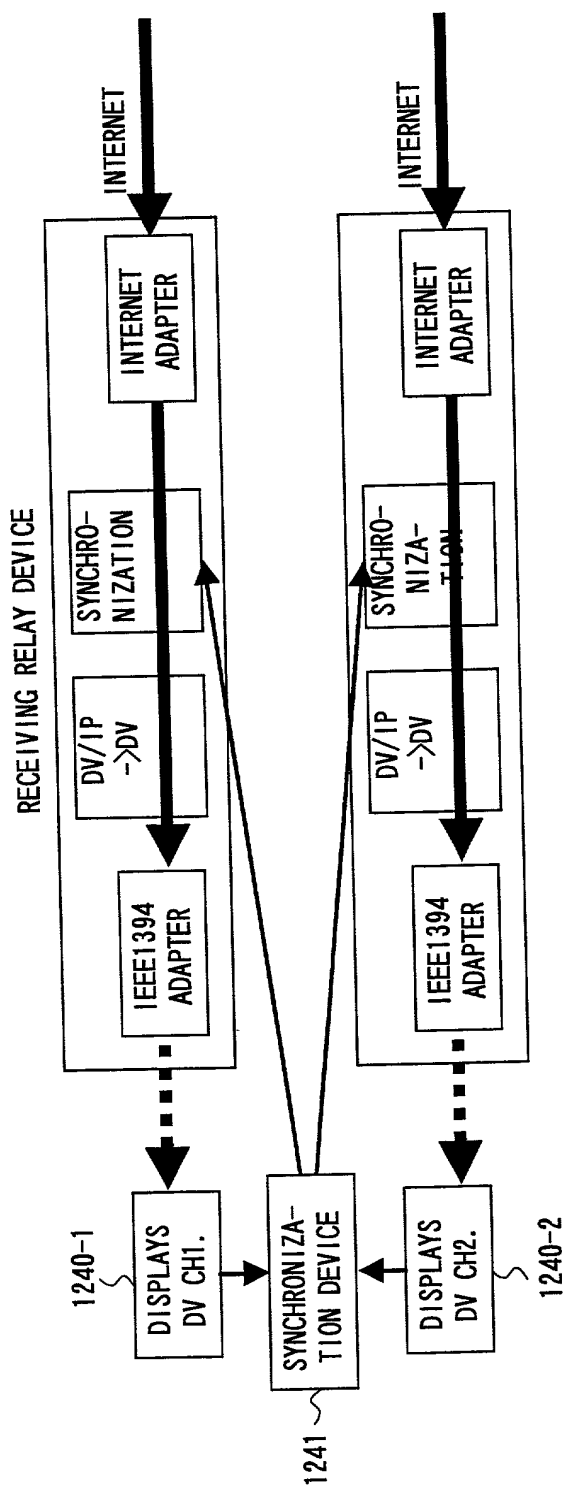


FIG. 72

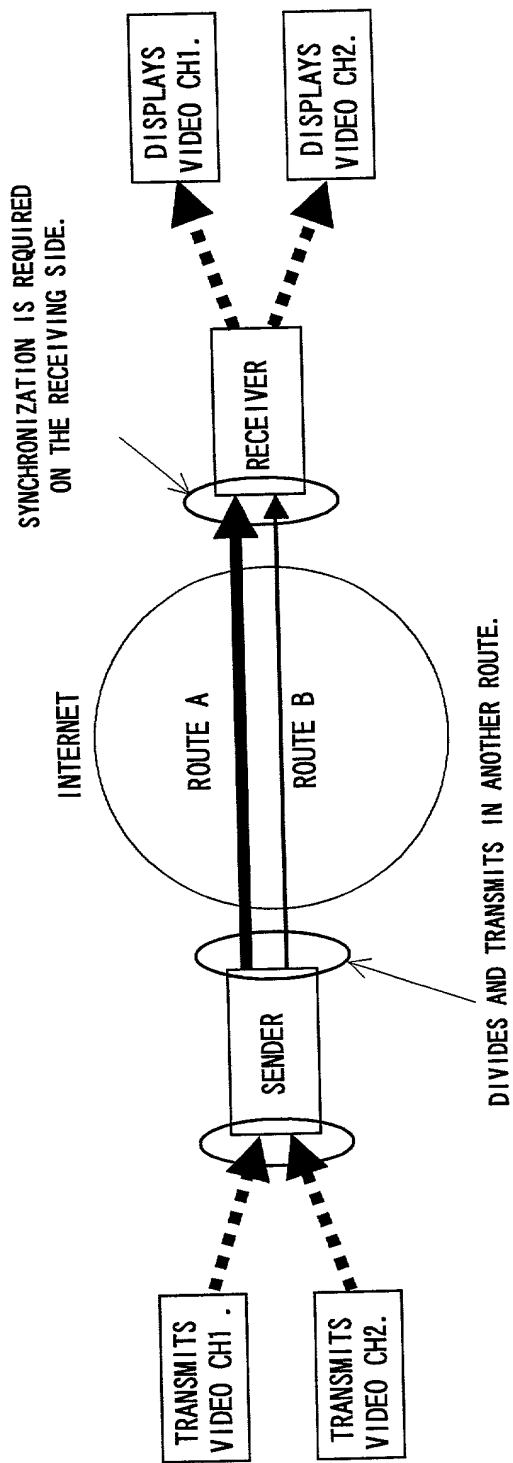


FIG. 7 3

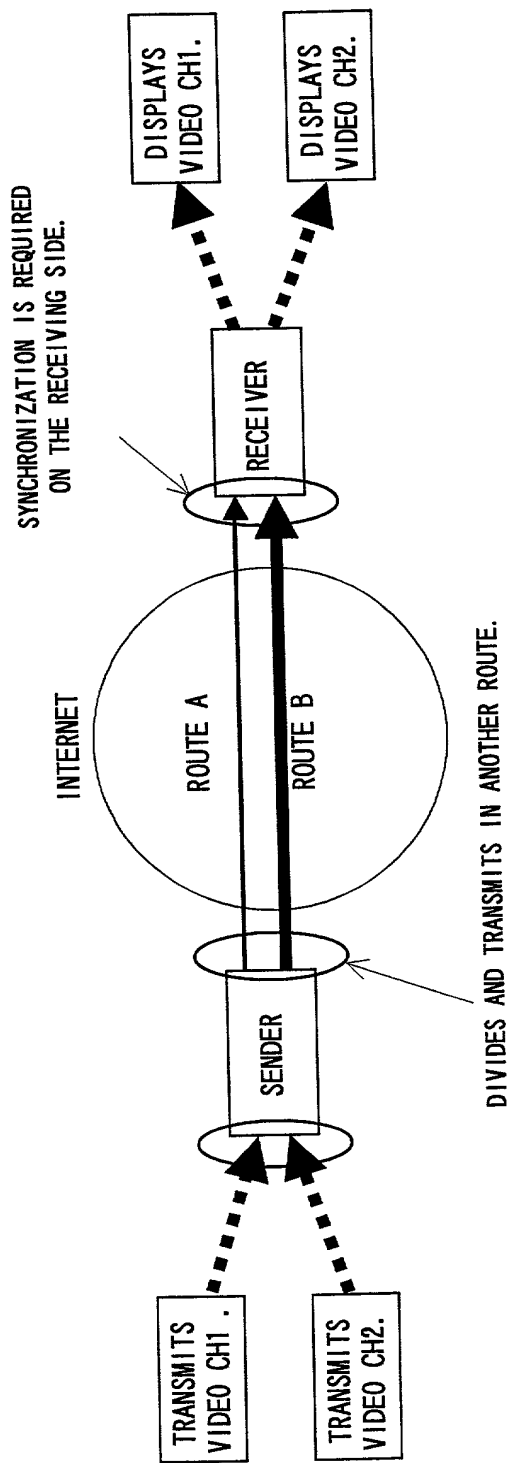


FIG. 74

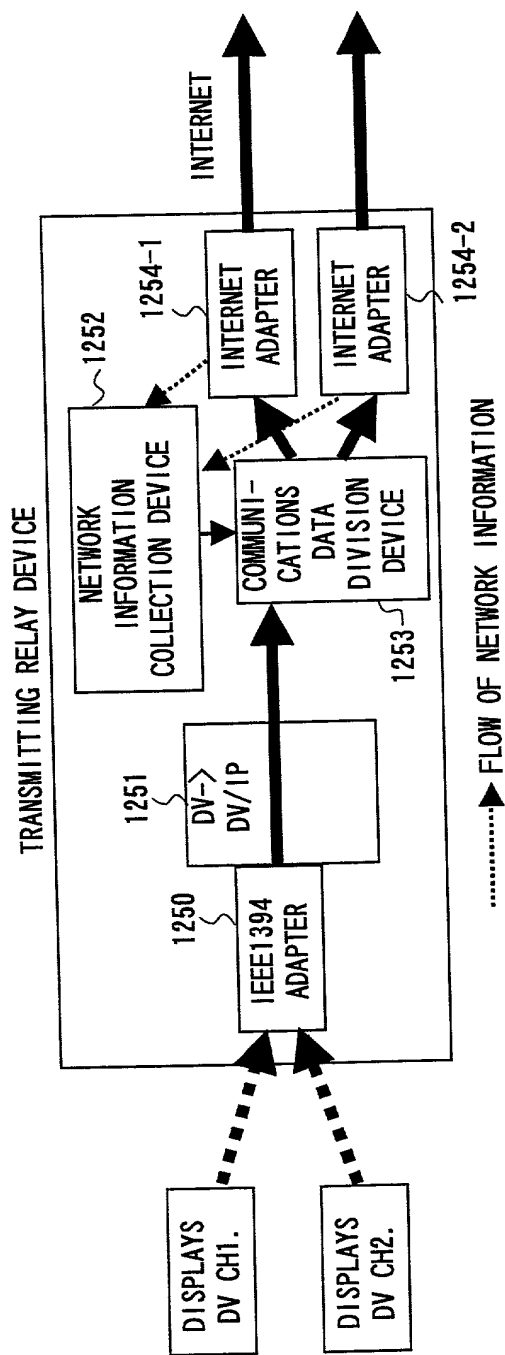


FIG. 75

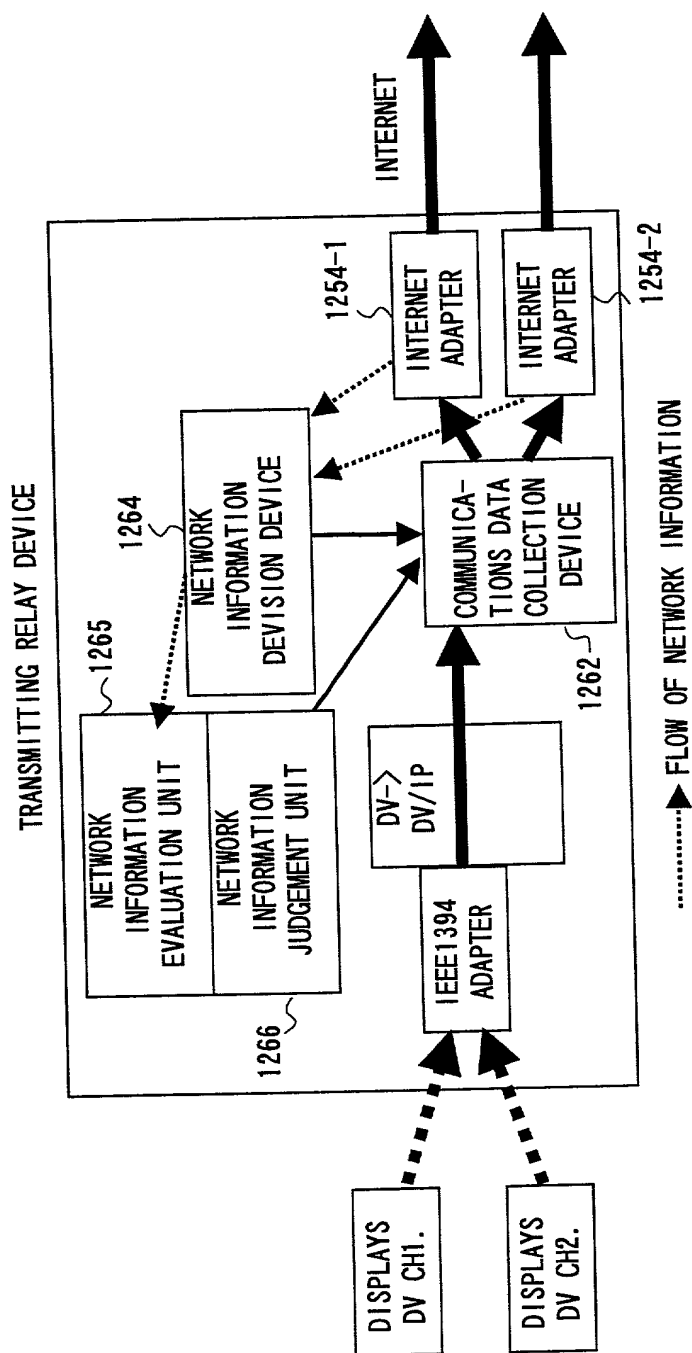


FIG. 76

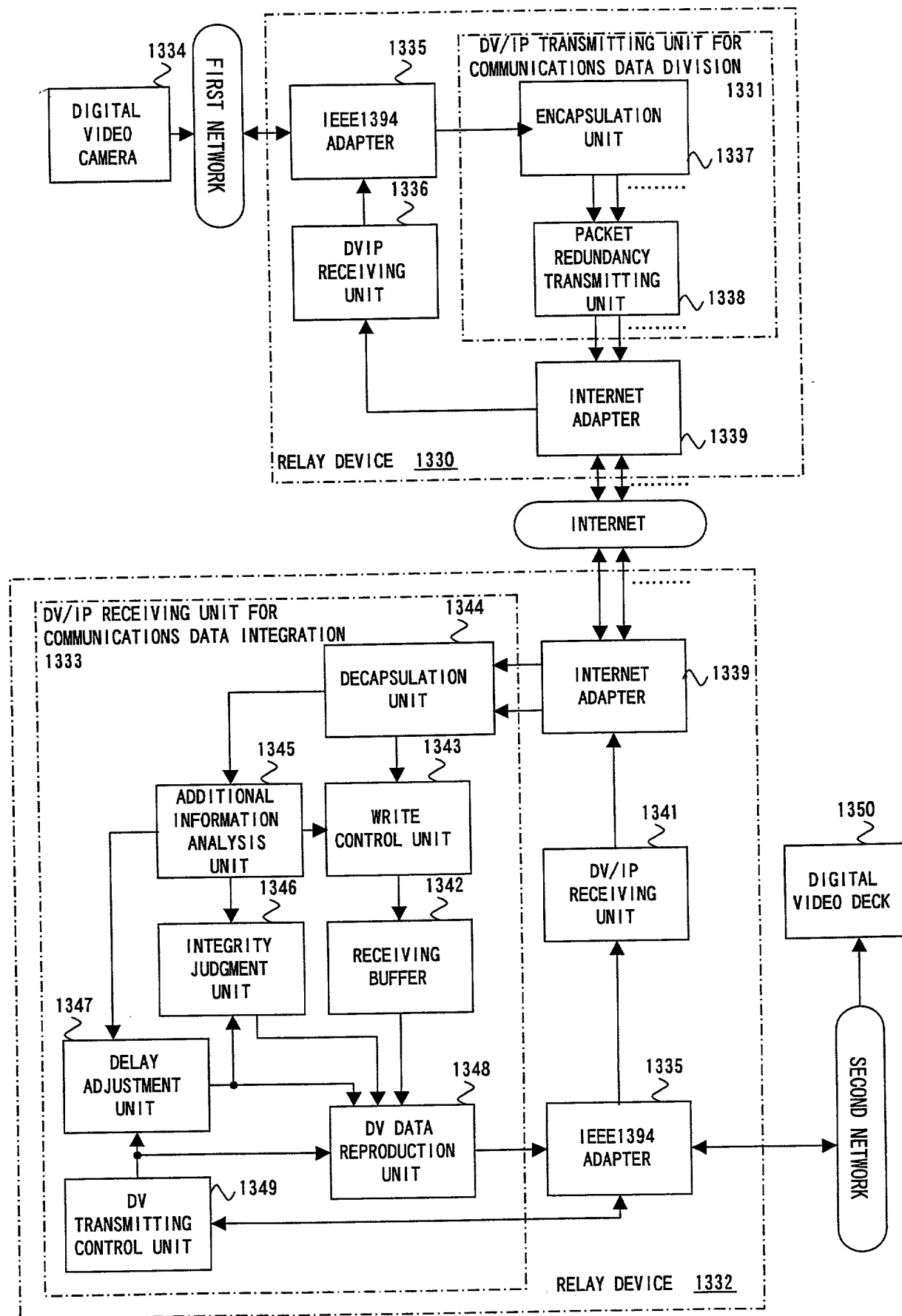


FIG. 77

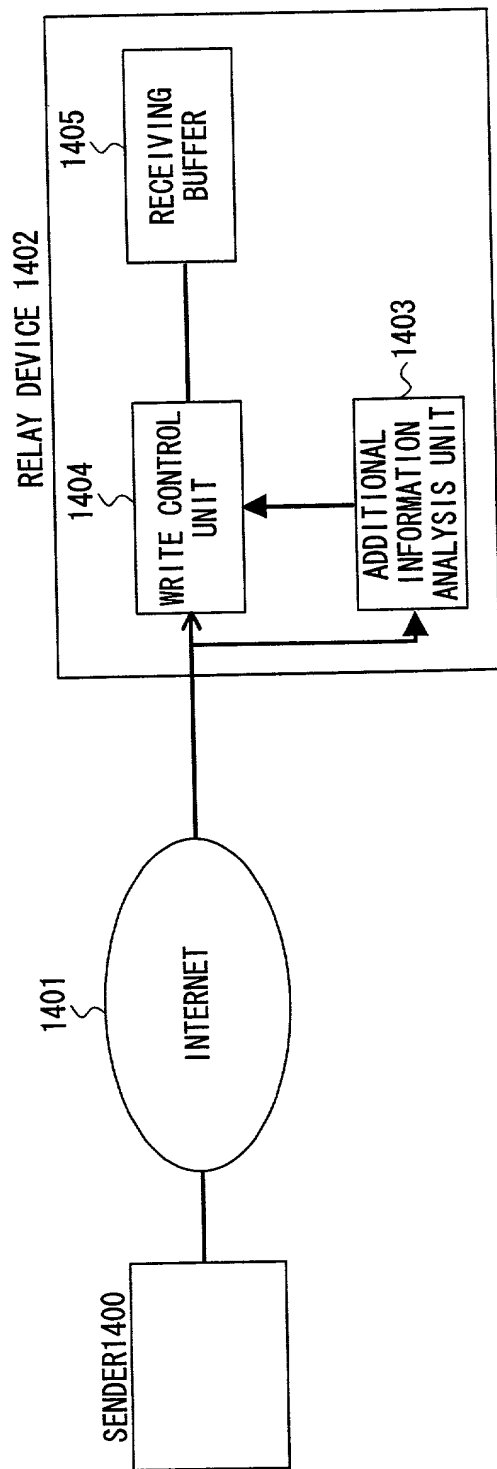


FIG. 78